

BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO.....

IN THE MATTER OF : Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-V of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 and Chapter-3, Regulation-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for approval of tariff of **Kudgi Super Thermal Power Station Stage- I (3X800 MW)** for the period from **01.04.2019 to 31.03.2024.**

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AND
IN THE MATTER OF

Petitioner: : NTPC Ltd.
NTPC Bhawan
Core-7, Scope Complex
7, Institutional Area, Lodhi Road
New Delhi-110 003.

Respondents

1. AP Eastern Power Distribution Company Ltd. (APEPDCL)
Corporate Office
P&T Colony, Seethammadhara,
Visakhapatnam – 530 013 - (AP)
2. AP Southern Power Distribution Company Ltd. (APSPDCL)
Corporate Office
Back Side Srinivasa Kalyana Mandapam
Tiruchhanur Road, Kesavayana Gunta,
Tirupathi – 517 503 (AP)
3. Telangana State Northern Power Distribution Company Ltd. (TSNPDCL)
H.No. 2-5-31/2, Vidyut Bhavan
Nakkalagutta, Hanamkonda
Warangal – 506 001 (AP)

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4. Telangana State Southern Power Distribution Company Ltd. (TSPDCL)
Mint Compound
Corporate Office
Hyderabad (AP) – 500 063.
5. Tamil Nadu Generation & Distribution Corporation Ltd. (TANGEDCO) (formerly TNEB)
144, Anna Salai
Chennai – 600 002
- 6 Bangalore Electricity Supply Company Ltd. (BESCOM)
Krishna Rajendra Circle
Bangalore - 560 009.
- 7 Mangalore Electricity Supply Company Ltd (MESCOM)
MESCOM bhavana,
Corporate Office,
Bejai, kavoor cross road, mangaluru,
575004, Karnataka
- 8 Chamundeshwari Electricity Supply Corp. Ltd. (CESC)
Corporate Office, No. 29,
Vijayanagar, 2nd stage, Hinkal,
Mysore – 570 017.
- 9 Gulbarga Electricity Supply Company Ltd. (GESCOM)
Main road, Gulbarga, Karnataka.
Gulbarga – 585 102.
- 10 Hubli Electricity Supply Company Ltd. (HESCOM)
Corporate office, P.B.Road, Navanagar
Hubli – 580 025.
- 11 Kerala State Electricity Board Ltd.(KSEBL)
Vaidyuthi Bhavanam, Pattom
Thiruvananthapuram – 695 004.

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The Petitioner humbly states that:

- 1) The Petitioner herein NTPC Ltd. (hereinafter referred to as '**Petitioner**' or '**NTPC**'), is a company incorporated under provisions of the Company Act, 1956 and a Government Company as defined under Section 2(45) of the Companies Act, 2013. Further, NTPC is a 'Generating Company' as defined under Section 2(28) of the Electricity Act, 2003.
- 2) In terms of Section 79(1)(a) of Electricity Act, 2003, the Hon'ble Commission has been vested with the functions to regulate the tariff of NTPC, a Generating Company owned and controlled by the Central Government. The regulation of the tariff of NTPC is as provided under Section 79(1)(a) read with Section 61, 62 and 64 of the Electricity Act, 2003 and the Regulations notified by the Hon'ble Commission in exercise of powers under Section 178 read with Section 61 of the Electricity Act, 2003.
- 3) The Petitioner is having power stations/ projects at different regions and places in the country. Kudgi Super Thermal Power Station Stage-I (3X800 MW) (hereinafter referred to as Kudgi-I) is one such station located in the State of Karnataka. The power generated from Kudgi-I is being supplied to the respondents herein above.
- 4) The Hon'ble Commission has notified the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2019 (hereinafter 'Tariff Regulations 2019') which came into force from 01.04.2019, specifying the terms & conditions and methodology of tariff determination for the period 01.04.2019 to 31.03.2024.
- 5) Regulation 9(2) of Tariff Regulations 2019 provides as follows:
"(2) In case of an existing generating station or unit thereof, or transmission system or element thereof, the application shall be made by the generating company or the transmission licensee, as the case may be, by 31.10.2019, based on admitted capital cost including additional capital expenditure already admitted and incurred up to 31.3.2019 (either based on actual or projected additional capital expenditure) and estimated additional capital expenditure for the respective years of the tariff period

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2019-24 along with the true up petition for the period 2014-19 in accordance with the CERC (Terms and Conditions of Tariff) Regulations, 2014.”

The date of filing of Tariff Petition for the period 2019-24 has subsequently been extended by Hon'ble Commission vide order dated 06.04.2020 in Petition No. 7/SM/2020.

In terms of above, the Petitioner is filing the present petition for determination of tariff for Kudgi Stage-I for the period from 01.04.2019 to 31.03.2024 as per the Tariff Regulations 2019.

- 6) The tariff of the Kudgi Stage-I for the tariff period 1.4.2014 to 31.3.2019 was determined by the Hon'ble Commission vide its order dated 08.01.2020 in Petition No. 199/GT/2017 in accordance with the CERC (Terms & Conditions of Tariff) Regulations 2014. The petitioner has filed a separate amended true up petition for the period 01.04.2014 to 31.03.2019 for revision of tariff in line with the applicable provisions of Tariff Regulations 2014.
- 7) The Hon'ble Commission vide order dated 08.01.2020 in Petition no 199/GT/2017 has allowed a capital cost of Rs 13646.9448 Cr. as on 31.03.2019 based on the admitted projected capital expenditure for the 2014-19 period. However, the actual closing capital cost as on 31.03.2019 has been worked out in the foresaid true-up petition as Rs. 13923.7257 Cr based on the actual expenditure after trueing up exercise for the period 2014-19. Accordingly, the Petitioner has adjusted an amount of Rs.276.7809 Cr from the admitted capital cost as on 31.03.2019 and therefore the opening capital cost as on 01.04.2019 has been considered as Rs13923.7257 Cr in the instant petition. The Hon'ble Commission may be pleased to adopt this adjustment in the admitted capital cost as on 31.3.2019 and determine the tariff in the present petition for the period 2019-24.
- 8) The capital cost claimed in the instant petition is based on the opening capital cost as on 01.04.2019 considered as above and estimated additional capital expenditures claimed

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for the period 2019-24 based on the Regulation 19 and Regulation 24, 25 and 26 of the Tariff Regulations, 2019.

- 9) As per Regulation 35(1)(6) of the Tariff Regulations 2019, the water charges, security expenses and capital spares consumed for thermal generating stations are to be allowed separately. The details in respect of water charges such as type of cooling water system, water consumption, rate of water charges as applicable for 2019-24 have been furnished below. Accordingly, water charges may be allowed in tariff based on the same for the 2019-24. In accordance with provision of the Regulations, the petitioner shall be furnishing the details of actual for the relevant year at the time of truing up and the same shall be subject to retrospective adjustment.

Description	Remarks
Type of Plant	Coal Based
Type of cooling water system	Closed Circuit Cooling System
Consumption of Water	Allocation of water for Kudgi STPS is from Almatti Dam Allocation made by State Government is 84.95 MCM
Rate of Water charges	Rs 3 lakh/McFt The Govt. of Karnataka issued a gazette notification vide ref. no HD 173PoSaE2018, Bengaluru dated 12.10.2018 revising the rates of water drawl. The revised rates come into effect from 18.10.2018
Total Water Charges	Rs. 7650.00 lakhs for 2019-20 (Yearly details at Form 3A).

- 10) Similarly, the Petitioner is claiming the security expenses based on the estimated expenses for the period 2019-24, the same shall be subject to retrospective adjustment based on actuals at the time of truing up. In respect of capital spares consumption, it is submitted that the same shall be claimed at the time of true-up in terms of the proviso to

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the Regulation 35 (1)(6) based on actual consumption of spares during the period 2019-24

- 11) The present petition is filed on the basis of norms specified in the Tariff Regulations 2019. It is submitted that the petitioner is in the process of installing the Emission Control Systems (ECS) in compliance of the Revised Emission Standards as notified by MOEF vide notification dated 07.12.2015 as amended. Completion of these schemes in compliance of revised emission norms will effect the station APC, Heat Rate , O&M expenses etc. In addition the availability of the unit/ station would be also effected due to shutdown of the units for installation of ECS. The petitioner would be filing the details of the same in a separate petition in terms of the Regulation 29 of Tariff Regulations 2019. The tariff of the instant petition would undergo changes consequent to the order of the Hon'ble Commission in the said ECS petition.
- 12) A notification dated 25.01.2016 has been issued by Government of India, Ministry of Environment, Forest & Climate Change (MOEFCC) under the statutory provisions of Environment (Protection) Act 1986. The said notification of MOEFCC prescribed for bearing the transportation cost of Fly Ash generated at power stations. In this regard, Petitioner filed a petition, being no. 172/MP/2016, before the Hon'ble Commission seeking reimbursement of the additional expenditure for Fly Ash Transportation directly from the beneficiaries as the same was in the nature of statutory expense. Hon'ble Commission vide order dated 05.11.2018 disposed of the said petition and directed as follows :

"31. Accordingly, we in exercise of the regulatory power hold that the actual additional expenditure incurred by the Petitioner towards transportation of ash in terms of the MOEFCC Notification is admissible under "Change in Law" as additional O&M expenses. However, the admissibility of the claims is subject to prudence check of the following conditions on case to case basis for each station:

- a) Award of fly ash transportation contract through a transparent competitive bidding procedure. Alternatively, the schedule rates of the respective State Governments, as applicable for transportation of fly ash.*
- b) Details of the actual additional expenditure incurred on Ash transportation after 25.1.2016, duly certified by auditors.*
- c) Details of the Revenue generated from sale of fly ash/ fly ash products and the expenditure incurred towards Ash utilisation up to 25.1.2016 and from 25.1.2016 to till date, separately.*

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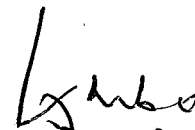
d) Revenue generated from fly Ash sales maintained in a separate account as per the MoEF notification.

32. The Petitioner is granted liberty to approach the Commission at the time of revision of tariff of the generating stations based on true-up exercise for the period 2014-19 in terms of Regulation 8 of the 2014 Tariff Regulations along with all details / information, duly certified by auditor."

Petitioner has claimed the additional expenditure towards ash transportation charges for the period 2017-18 and 2018-19 in the various true-up petitions filed for the period 2014-19.

The expenditure towards the ash transportation charges are recurring in nature. The Petitioner has been incurring ash transportation expenditure in some of its stations in the current tariff period also. In case the same is permitted to be recovered at the end of the tariff period 2019-24, there will be additional liability on the beneficiary on account of the interest payment for the period till the time the true-up petitions for the period 2019-24 is decided. To avoid the interest payment liability of the beneficiaries it is prayed that the petitioner may be allowed to recover/ pass on the ash transportation charges after adjusting the revenue earned from sale of ash at the end of each quarter of financial year subject to true-up at the end of the period.

- 13) It is submitted that Hon'ble Commission has prescribed boiler efficiency and turbine heat rate separately for deriving the unit heat rate where the Unit Heat Rate is not guaranteed by the suppliers. It is submitted that the instant station was envisaged during the period 2009-14 and equipments including SG and TG specifications for tendering / award was stipulated considering the boiler efficiency and the turbine heat rate prescribed by the Hon'ble Commission in the Tariff Regulations at that time. . Based on the same the equipments were ordered through international competitive bidding. It was not possible for the petitioner to specify the efficiency parameters at the time of finalizing the contracts on the instant station as per the efficiency parameters specified in Tariff Regulations 2019-24 which are more stringent. .

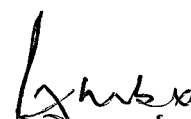


In a similar case, Hon'ble Commission in its order dated 20.02.2014 in Petition No. 160/GT/2012 has considered the design parameters for computing Gross Heat Rate of the station with appropriate operating margin and has stated as under:

"161. As per the guaranteed turbine cycle heat rate of 1945 kCal/kWh and boiler efficiency of 88.5% along with the deviation of 6.5 % as per the 2009 Tariff Regulations, the Gross Heat Rate works out to 2340.59 kcal/kWh. Without the margin of Auxiliary consumption of 6.5%, the Gross Heat Rate works out as 2197.74 kcal/kWh. In light of this, achieving a GSHR of 2220 kcal/kWh as per submission of the respondents 1 to 6 is not possible. Also, the EPC contract was finalized in 2006 and there was no possibility for the petitioner to specify the Station Heat Rate as per the 2009 Tariff Regulations. In view of above, we consider a GSHR of 2340.59 kCal/kWh based on guaranteed turbine cycle heat rate 1945 kCal/kWh and boiler efficiency of 88.5% with a deviation of 6.5 % from the guaranteed design value."

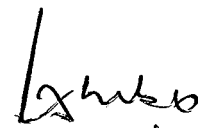
Further, if the Petitioner had stipulated more stringent unit heat rate this would have increased the capital cost commensurate to the efficiency parameters sought. The benefit of the lower capital cost due to lower efficiency parameters has already been passed onto the beneficiaries in terms of lower capital cost. If now the boiler efficiency for working out the normative heat rate is considered as 86% instead of the actual design efficiency of 84.82% the unit heat rate would be worked out to be 2115.47 kcal/kwh and the operating margin available over the design heat rate would be 3.6% only which is much less than the operating margin of 5% allowed in the Tariff Regulations 2019. Moreover, it is submitted that boiler efficiency is largely a function of coal quality. In view of above submissions it is prayed that Gross Station Heat rate may be allowed based on guaranteed turbine cycle heat rate of 1819.3 and boiler efficiency of 84.82% with a operating margin of 5 % from the guaranteed design value. The tariff computation attached at Appendix-I is based on considering Station Heat Rate as per design heat rate with applicable operating margin.

- 14) The Petitioner has already paid the requisite filing fee vide UTR No. CMS1106438370 on 22.04.2019 for the year 2019-20 and the details of the same have been duly furnished to the Hon'ble Commission vide our letter dtd. 25.04.2019. For the subsequent years, it shall be paid as per the provisions of the CERC (Payment of Fees)



Regulations, 2012 as amended. Further Regulation 70 (1) of Tariff Regulations 2019 provides that the application fee and publication expenses may be allowed to be recovered directly from the beneficiaries at the discretion of the Hon'ble Commission. Accordingly, it is prayed that Hon'ble Commission may be pleased to allow recover filing fee and publication fee directly from the beneficiaries.

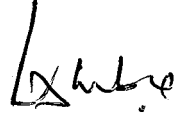
- 15) The petitioner has calculated the tariff for 2019-24 period based on the above and the same is enclosed as **Appendix-I** to this petition.
- 16) The Petitioner has served a copy of the Petition to the Respondents mentioned herein above and has posted the Petition on the company website i.e. www.ntpc.co.in
- 17) The petitioner is filing this tariff petition subject to the outcome of its various appeals/ petitions pending before different courts. Besides, the petitions filed by NTPC for determination of capital base as on 31.3.2019 through true-up exercise are pending before the Hon'ble Commission and would take some time. The Petitioner, therefore, reserves its right to amend the tariff petition as per the outcome in such appeals/ petitions, if required.
- 18) It is respectfully submitted that Ministry of Home Affairs, Govt. of India has imposed complete lock down across nation to prevent the spread of COVID-19 pandemic. Due to this lockdown and restriction on movement of persons, petitioner is unable to get the affidavit prepared and notarized from notary public /oath commissioner. The Conduct of Business Regulation, requires that any petition/reply /rejoinder submitted before Hon'ble Commission should be accompanied with duly signed and notarized affidavit. Under the current circumstances it is not possible to submit the rejoinder along with affidavit. However, due time constraint imposed by Hon'ble Commission, the petitioner is submitting this rejoinder without affidavit. Hon'ble Commission may be pleased to allow this during the period of lock down or till normalcy is resumed. The petitioner shall be promptly filing affidavit once normalcy is resumed.



Prayers

In the light of the above submissions, the Petitioner, prays that the Hon'ble Commission may be pleased to:

- i) Approve tariff of Kudgi Super Thermal Power Station Stage- I (3X800 MW) for the tariff period 01.04.2019 to 31.03.2024.
- ii) Allow the recovery of filing fees as & when paid to the Hon'ble Commission and publication expenses from the beneficiaries.
- iii) Allow reimbursement of Ash Transportation Charges directly from the beneficiaries quarterly on net basis.
- iv) Allow the petitioner to file affidavit duly notarized once normalcy is resumed.
- v) Pass any other order as it may deem fit in the circumstances mentioned above.



Petitioner



TARIFF FILING FORMS (THERMAL)

FOR DETERMINATION OF TARIFF

FOR

Kudgi STPS Stage-I (3X800 MW)

(From 01.04.2019 to 31.03.2024)

PART-I

APPENDIX-I

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Checklist of Main Tariff Forms and other information for tariff filing for Thermal Stations

Form No.	Title of Tariff Filing Forms (Thermal)	Tick
FORM- 1	Summary of Tariff	A
FORM -1 (I)	Statement showing claimed capital cost	A
FORM -1 (II)	Statement showing Return on Equity	A
FORM-2	Plant Characteristics	A
FORM-3	Normative parameters considered for tariff computations	A
FORM-3A**	Statement showing O&M Expenses	A
FORM-3B**	Statement of Special Allowance	A
FORM- 4	Details of Foreign loans	A
FORM- 4A	Details of Foreign Equity	NA
FORM-5	Abstract of Admitted Capital Cost for the existing Projects	A
FORM-5A**	Abstract of Claimed Capital Cost for the existing Projects	A
FORM- 6	Financial Package upto COD	NA
FORM- 7	Details of Project Specific Loans	A
FORM- 8	Details of Allocation of corporate loans to various projects	A
FORM-9A**	Summary of Statement of Additional Capitalisation claimed during the period	A
FORM-9 ##	Statement of Additional Capitalisation after COD	A
FORM- 10	Financing of Additional Capitalisation	A
FORM- 11	Calculation of Depreciation on original project cost	NA
FORM- 12	Statement of Depreciation	A
FORM- 13	Calculation of Weighted Average Rate of Interest on Actual Loans	A
FORM- 14	Draw Down Schedule for Calculation of IDC & Financing Charges	NA
FORM- 15	Details of Fuel for Computation of Energy Charges	A
FORM- 15A	Details of Secondary Fuel for Computation of Energy Charges	A
FORM- 15B	Computation of Energy Charges	A
FORM- 16	Details of Limestone for Computation of Energy Charge Rate	NA
FORM-17	Details of Capital Spares	***
FORM- 18	Non-Tariff Income	***
FORM-19	Details of Water Charges	***
FORM-20	Details of Statutory Charges	***

Provided yearwise for the period 2019-24

** Additional Forms

*** Shall be provided at the time of truing up

PART-I

List of Supporting Forms / documents for tariff filing for Thermal Stations

Form No.	Title of Tariff Filing Forms (Thermal)	Tick
FORM-A	Abstract of Capital Cost Estimates	NA
FORM-B	Break-up of Capital Cost for Coal/Lignite based projects	NA
FORM-C	Break-up of Capital Cost for Gas/Liquid fuel based Projects	NA
FORM-D	Break-up of Construction/Supply/Service packages	NA
FORM-E	Details of variables , parameters , optional package etc. for New Project	NA
FORM-F	Details of cost over run	NA
FORM-G	Details of time over run	NA
FORM -H	Statement of Additional Capitalisation during end of the useful life	NA
FORM -I	Details of Assets De-capitalised during the period	***
FORM -J	Reconciliation of Capitalisation claimed vis-à-vis books of accounts	***
FORM -K	Statement showing details of items/assets/works claimed under Exclusions	***
FORM-L	Statement of Capital cost	***
FORM-M	Statement of Capital Woks in Progress	***
FORM-N	Calculation of Interest on Normative Loan	A
FORM-O	Calculation of Interest on Working Capital	A
FORM-P	Incidental Expenditure up to SCOD and up to Actual COD	NA
FORM-Q	Expenditure under different packages up to SCOD and up to Actual COD	NA
FORM-R	Actual cash expenditure	NA
FORM-S	Statement of Liability flow	***
FORM-T	Summary of issues involved in the petition	NA

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List of supporting documents for tariff filing for Thermal Stations

S. No.	Information / Document	Tick
1	Certificate of incorporation, Certificate for Commencement of Business, Memorandum of Association, & Articles of Association (For New Station setup by a company making tariff application for the first time to CERC)	NA
2	A. Station wise and Corporate audited Balance Sheet and Profit & Loss Accounts with all the Schedules & annexures on COD of the Station for the new station & for the relevant years.	*
	B. Station wise and Corporate audited Balance Sheet and Profit & Loss Accounts with all the Schedules & annexures for the existing station for relevant years.	
3	Copies of relevant loan Agreements	NA
4	Copies of the approval of Competent Authority for the Capital Cost and Financial package.	NA
5	Copies of the Equity participation agreements and necessary approval for the foreign equity.	NA
6	Copies of the BPSA/PPA with the beneficiaries, if any	NA
7	Detailed note giving reasons of cost and time over run, if applicable.	NA
	List of supporting documents to be submitted:	
	a. Detailed Project Report	
	b. CPM Analysis	
	c. PERT Chart and Bar Chart	
d. Justification for cost and time Overrun		
8	Generating Company shall submit copy of Cost Audit Report along with cost accounting records, cost details, statements, schedules etc. for the Generating Unit wise /stage wise/Station wise/ and subsequently consolidated at Company level as submitted to the Govt. of India for first two years i.e. 2019-20 and 2020-21 at the time of mid-term true-up in 2021-22 and for balance period of tariff period 2019-24 at the time of final true-up in 2024-25. In case of initial tariff filing the latest available Cost Audit Report should be furnished.	*
9	Any other relevant information, (Please specify)	
10	Reconciliation with Balance sheet of any actual additional capitalization and amongst stages of a generating station	*
11	BBMB is maintaining the records as per the relevant applicable Acts. Formats specified herein	NA

* Shall be provided at the time of truing up.

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Summary of Tariff

Name of the Petitioner:	NTPC Limited
Name of the Generating Station:	Kudgi STPS Stage-I (3X800 MW)
Place (Region/District/State):	Southern Region/Bijapur/ Karnataka

S. No.	Particulars	Unit	Amount in Rs. Lakhs								
			Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24			
1	2	3	4	5	6	7	8	9			
1.1	Depreciation	Rs Lakh	68,704.63	71,388.12	73,797.46	75,193.71	75,309.76	75,309.76			
1.2	Interest on Loan	Rs Lakh	57,512.99	57,579.93	55,037.14	51,287.19	46,057.62	40,056.08			
1.3	Return on Equity	Rs Lakh	80,590.48	79,715.48	82,405.86	83,964.98	84,094.58	84,094.58			
1.4	Interest on Working Capital	Rs Lakh	33,783.61	26,404.52	26,541.28	26,620.47	26,636.03	26,629.08			
1.5	O&M Expenses	Rs Lakh	51,198.82	53454.00	55195.00	57028.00	58852.00	60764.00			
1.6	Special Allowance (If applicable)	Rs Lakh	0.00	0.00	0.00	0.00	0.00	0.00			
1.7	Compensation Allowance (If applicable -	Rs. Lakh									
	Total	Rs Lakh	291790.53	288542.06	292976.74	294094.35	290950.00	286853.51			
2.1	Landed Fuel Cost (coal/gas/RLNG/ liquid)	Rs/Ton			5825.94						
	(%) of Fuel Quantity	(%)			100						
2.2	Landed Fuel Cost Imported Coal				NA						
	(%) of Fuel Quantity				NA						
2.3	Landed Fuel Cost (coal/gas	Rs/Ton			NA						
	(%) of Fuel Quantity	(%)			NA						
2.4	Landed Fuel Cost Imported Coal other than FSA.				NA						
	(%) of Fuel Quantity				NA						
2.5	Secondary fuel oil cost	Rs/Unit			0.028						
	Energy Charge Rate ex-bus (Paise/kWh)	Rs/Unit			3.861						

(Petitioner)

**PART-I
FORM- 1(I)**

Name of the Petitioner: NTPC Limited
Name of the Generating Station: Kudgi STPS Stage-I (3X800 MW)

Amount in Rs. Lakhs

Statement showing claimed capital cost – (A+B)

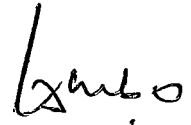
S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Opening Capital Cost	13,92,372.57	14,37,126.57	14,87,867.57	14,92,467.57	14,92,467.57
2	Add: Addition during the year/period	44,754.00	50,741.00	4,600.00	-	-
3	Less: De-capitalisation during the year/period	-	-	-	-	-
4	Less: Reversal during the year / period	-	-	-	-	-
5	Add: Discharges during the year/ period	-	-	-	-	-
6	Closing Capital Cost	14,37,126.57	14,87,867.57	14,92,467.57	14,92,467.57	14,92,467.57
7	Average Capital Cost	14,14,749.57	14,62,497.07	14,90,167.57	14,92,467.57	14,92,467.57

Statement showing claimed capital cost eligible for RoE at normal rate (A)

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Opening Capital Cost	1392372.57	1437126.57	1487867.57	1492467.57	1492467.57
2	Add: Addition during the year / period	44754.00	50741.00	4600.00	0.00	0.00
3	Less: De-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
4	Less: Reversal during the year / period	0.00	0.00	0.00	0.00	0.00
5	Add: Discharges during the year / period	0.00	0.00	0.00	0.00	0.00
6	Closing Capital Cost	1437126.57	1487867.57	1492467.57	1492467.57	1492467.57
7	Average Capital Cost	1414749.57	1462497.07	1490167.57	1492467.57	1492467.57

**Statement showing claimed capital cost eligible for RoE at weighted average rate of interest
on actual loan portfolio (B)**

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Opening Capital Cost	0.00	0.00	0.00	0.00	0.00
2	Add: Addition during the year / period	0.00	0.00	0.00	0.00	0.00
3	Less: De-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
4	Less: Reversal during the year / period	0.00	0.00	0.00	0.00	0.00
5	Add: Discharges during the year / period	0.00	0.00	0.00	0.00	0.00
6	Closing Capital Cost	0.00	0.00	0.00	0.00	0.00
7	Average Capital Cost	0.00	0.00	0.00	0.00	0.00



(Petitioner)



Name of the Petitioner: NTPC Limited
Name of the Generating Station: Kudgi STPS Stage-I (3X800 MW)

Statement showing Return on Equity at Normal Rate

S. No.	Particulars	Amount in Rs. Lakhs						
		2019-20	2020-21	2021-22	2022-23	2023-24		
1	2	3	4	5	6	7		
	Return on Equity							
1	Gross Opening Equity (Normal)	4,17,711.79	4,31,137.99	4,46,360.29	4,47,740.29	4,47,740.29	4,47,740.29	
2	Less: Adjustment in Opening Equity	-	0.00	0.00	0.00	0.00	0.00	
3	Adjustment during the year							
4	Net Opening Equity (Normal)	4,17,711.79	4,31,137.99	4,46,360.29	4,47,740.29	4,47,740.29	4,47,740.29	
5	Add: Increase in equity due to addition during the year / period	13426.20	15222.30	1380.00	0.00	0.00	0.00	
7	Less: Decrease due to De-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00	0.00	
8	Less: Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00	0.00	
9	Add: Increase due to discharges during the year / period	0.00	0.00	0.00	0.00	0.00	0.00	
10	Net closing Equity (Normal)	4,31,137.99	4,46,360.29	4,47,740.29	4,47,740.29	4,47,740.29	4,47,740.29	
11	Average Equity (Normal)	4,24,424.89	4,38,749.14	4,47,050.29	4,47,740.29	4,47,740.29	4,47,740.29	
12	Rate of ROE (%)	18.782	18.782	18.782	18.782	18.782	18.782	
13	Total ROE	79,715.48	82,405.86	83,964.98	84,094.58	84,094.58	84,094.58	

(Petitioner)

Name of the Petitioner: NTPC Limited

Name of the Generating Station: Kudgi STPS Stage-I (3X800 MW)

Statement showing Return on Equity at Wtd avg ROI

S. No.	Particulars	Amount in Rs. Lakhs				
		2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
	Return on Equity (beyond the original scope of work excluding additional capitalization due to Change in Law)					
1	Gross Opening Equity (Normal)	0.00	0.00	0.00	0.00	0.00
2	Less: Adjustment in Opening Equity	0.00	0.00	0.00	0.00	0.00
3	Adjustment during the year	0.00	0.00	0.00	0.00	0.00
4	Net Opening Equity (Normal)	0.00	0.00	0.00	0.00	0.00
5	Add: Increase in equity due to addition during the year / period	0.00	0.00	0.00	0.00	0.00
7	Less: Decrease due to De-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
8	Less: Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00
9	Add: Increase due to discharges during the year / period	0.00	0.00	0.00	0.00	0.00
10	Net closing Equity (Normal)	0.00	0.00	0.00	0.00	0.00
11	Average Equity (Normal)	0.00	0.00	0.00	0.00	0.00
12	Rate of ROE (%)	7.90%	7.90%	7.90%	7.90%	7.90%
13	Total ROE	0.00	0.00	0.00	0.00	0.00

(Petitioner)

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Name of the Company :
Name of the Power Station :NTPC Ltd.
Kudgi STPS Stage-I**Plant Characteristics**

Name of the Petitioner	NTPC Ltd		
Name of the Generating Station	Kudgi STPS Stage-I		
Unit(s)/Block(s)/Parameters	Unit-I	Unit-II	Unit-III
Installed Capacity (MW)	800	800	800
Schedule COD as per Investment Approval	May'2016	Nov'2016	May'2017
Actual COD /Date of Taken Over (as applicable)	31st July'2017	31st Dec'2017	15th Sep'18
Pit Head or Non Pit Head	Non Pit Head		
Name of the Boiler Manufacture	M/s Doosan Chennai works Pvt. Ltd.		
Name of Turbine Generator Manufacture	M/s Toshiba JSW Turbine and generator Pvt. Ltd.		
Main Steams Pressure at Turbine inlet (kg/Cm ²) abs ¹ .	247		
Main Steam Temperature at Turbine inlet (°C) ¹	565		
Reheat Steam Pressure at Turbine inlet (kg/Cm ²) ¹	45.9		
Reheat Steam Temperature at Turbine inlet (°C) ¹	593		
Main Steam flow at Turbine inlet under MCR condition (tons /hr) ²	2278		
Main Steam flow at Turbine inlet under VWO condition (tons /hr) ²	2440		
Unit Gross electrical output under MCR /Rated condition (MW) ²	800		
Unit Gross electrical output under VWO condition (MW) ²	840 (with OLV)		
Guaranteed Design Gross Turbine Cycle Heat Rate (kCal/kWh) ³	1819.3		
Conditions on which design turbine cycle heat rate guaranteed			
% MCR	100		
% Makeup Water Consumption	0		
Design Capacity of Make up Water System	4x3110 m3/hr - for all three units		
Design Capacity of Inlet Cooling System	78600 Cu.m/hr		
Design Cooling Water Temperature (°C)	33		
Back Pressure	77 mm hg		
Steam flow at super heater outlet under BMCR condition (tons/hr)	2550		
Steam Pressure at super heater outlet under BMCR condition) (kg/Cm ²)	258		
Steam Temperature at super heater outlet under BMCR condition (OC)	568		
Steam Temperature at Reheater outlet at BMCR condition (°C)	596		
Design / Guaranteed Boiler Efficiency (%) ⁴	84.82 %- at BMCR		
Design Fuel with and without Blending of domestic/imported coal	Coal GCV at design - 3200 Kcal/kg		
Type of Cooling Tower	IDCT		
Type of cooling system ⁵	Induced Draft cooling		
Type of Boiler Feed Pump ⁶	2X50% TDBFP	2X30% MDBFP	
Fuel Details ⁷			
-Primary Fuel	COAL		
-Secondary Fuel	LDO & HFO		
-Alternate Fuels			
Special Features/Site Specific Features ⁸			
Special Technological Features ⁹	Make up water Intake from Almatti Reservoir Back Waters		
Environmental Regulation related features ¹⁰	Super critical technology FGD/De-Nox under implementation		
Any other special features	ESP, 275 mtr chimney, CMB		

- 1: At Turbine MCR condition.
2: with 0% (Nil) make up and design Cooling water temperature
3: at TMCR output based on gross generation. 0% (Nil) makeup and design Cooling water temperature.
4: With Performance coal based on Higher Heating Value (HHV) of fuel and at BMCR) out put
5: Closed circuit cooling, once through cooling, sea cooling, natural draft cooling, induced draft cooling etc.
6: Motor driven. Steam turbine driven etc.
7: Coal or natural gas or Naptha or lignite etc.
8: Any site specific feature such as Merv-Go-Round, Vicinity to sea, Intake /makeup water systems etc. scrubbers etc.
9: Any Special Technological feature like Advanced class FA technology in Gas Turbines. etc.
10: Environmental Regulation related features like FGD. ESP etc..

Petitioner

Normative parameters considered for tariff computations

Name of the Petitioner:		NTPC Limited							
Name of the Generating Station:		Kudgi STPS Stage-I (3X800 MW)							
Particulars	Unit	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	(Year Ending March)		
							2023-24	2023-24	
I	2	3	4	5	6	7	8		
Base Rate of Return on Equity \$\$	%	15.50	15.50	15.50	15.50	15.50	15.50	15.50	
Base Rate of Return on Equity on Add.	%	-	6.491	6.491	6.491	6.491	6.491	6.491	
Capitalization* \$\$	%	21.5488	17.4720	17.4720	17.4720	17.4720	17.4720	17.4720	
Effective Tax Rate	%	85.00	85.00	85.00	85.00	85.00	85.00	85.00	
Target Availability	%	-	-	85.00	85.00	85.00	85.00	85.00	
In High Demand Season	%	-	-	85.00	85.00	85.00	85.00	85.00	
Peak Hours	%	-	-	85.00	85.00	85.00	85.00	85.00	
Off-Peak Hours	%	-	-	85.00	85.00	85.00	85.00	85.00	
In Low Demand Season(Off-Peak)	%	-	-	85.00	85.00	85.00	85.00	85.00	
Peak Hours	%	-	-	85.00	85.00	85.00	85.00	85.00	
Off-Peak Hours	%	-	-	85.00	85.00	85.00	85.00	85.00	
Auxiliary Energy Consumption	%	5.75	6.25	6.25	6.25	6.25	6.25	6.25	
Gross Station Heat Rate	kCal/kWh	2210.66	2252.14	2252.14	2252.14	2252.14	2252.14	2252.14	
Specific Fuel Oil Consumption	ml/kWh	0.50	0.50	0.50	0.50	0.50	0.50	0.50	
Cost of Coal/Lignite for WC	in Days	60	50	50	50	50	50	50	
Cost of Main Secondary Fuel Oil for WC	in Months	2	2	2	2	2	2	2	
Fuel Cost for WC	in Months								
Liquid Fuel Stock for WC	in Months								
O&M Expenses	Rs lakh/MW	20.43	18.23	18.87	19.54	20.22	20.93	20.93	
Maintenance Spares for WC	% of O&M	20.00	20.00	20.00	20.00	20.00	20.00	20.00	
Receivables for WC	in Days	60	45	45	45	45	45	45	
Storage capacity of Primary fuel **	MT			750000					
SBI 1 Year MCLR plus 350 basis point3	%	12.20	12.05	12.05	12.05	12.05	12.05	12.05	
Blending ratio of domestic coal/imported coal									

* Rate of Return on Add - cap beyond original scope and excluding Change in Law

\$\$ Additional RoE due to better ramp rate would be claimed at the time of true-up or as per guidelines to be issued

** Storage Capacity for Kudgi STPS Stage-I

Petitioner

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Part-I FORM-3A ADDITIONAL FORM						
<u>Calculation of O&M Expenses</u>						
Name of the Company :		NTPC Limited				
Name of the Power Station :		Kudgi STPS Stage-I (3X800 MW)				
		Amount in Rs. Lakhs				
S.No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	O&M expenses under Reg.35(1)					
1a	Normative	43752.00	45288.00	46896.00	48528.00	50232.00
2	O&M expenses under Reg.35(6)					
2a	Water Charges *	7650.00	7650.00	7650.00	7650.00	7650.00
2b	Security expenses*	2052.00	2257.00	2482.00	2674.00	2882.00
2c	Capital Spares**	0.00	0.00	0.00	0.00	0.00
3	O&M expenses-Ash Transportation**	0.00	0.00	0.00	0.00	0.00
	Total O&M Expenses	53454.00	55195.00	57028.00	58852.00	60764.00

** Shall be provided at the time of truing up

* Subject to true up

Petitioner

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**PART-I
FORM-3B
Additional Form**

Computation of Special Allowance

Name of the Company :	NTPC Limited
Name of the Power Station :	Kudgi STPS Stage-I (3X800 MW)
Rate of Special allowance @lakh/MW/year	9.5

Unit No.	Capacity (MW)	Date of COD	Year of completion of useful life of 25 yrs.	Special Allowance as per Clause 28						
				Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	
1										
2										
3										
4										
5										
6										
Year wise Total for the Station				0.02	0.00	0.00	0.00	0.00	0.00	0.00

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Abstract of Admitted Capital Cost for the existing Projects

Name of the Company :	NTPC Limited
Name of the Power Station :	Kudgi STPS Stage-I (3X800 MW)

Last date of order of Commission for the project	Date (DD-MM-YYYY)	08-01-2020
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Reference of petition no. in which the above order was passed	Petition no.	Pet No 199/GT/2017
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Following details as admitted on 31.03.19 in the above order by the Commission:

Capital cost	1364694.48
Amount of un-discharged liabilities included in above (& forming part of admitted capital cost)	
Amount of un-discharged liabilities corresponding to above admitted capital cost (but not forming part of admitted capital cost being allowed on cash basis)	0
Gross Normative Debt	923628.64
Cumulative Repayment	46953.46
Net Normative Debt	876675.18
Normative Equity	409408.35
Cumulative Depreciation	1342081.98
Freehold land	32713

(Rs. in lakh)

(Petitioner)

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Abstract of Claimed Capital Cost for the existing Projects

Name of the Company : **NTPC Limited**
Name of the Power Station : **Kudgi STPS Stage-I (3X800 MW)**

Reference of Final True-up Tariff Petition	Affidavit dated
Capital Cost as on 31.03.2019 as per Hon'ble Commission's Order dated 08.01.2020	Rs. Lakhs 1364694.48
Adjustment as per Para (7) of this petition	27678.09
Following details as considered by the Petitioner as on the last date of the period for which final true-up tariff is claimed:	
Capital cost as on 01.04.02019	1392372.57
Amount of un-discharged liabilities included in above (& forming part of admitted capital cost)	
Amount of un-discharged liabilities corresponding to above admitted capital cost (but not forming part of admitted capital cost being allowed on cash basis)	
Gross Normative Debt	974660.83
Cumulative Repayment	84571.14
Net Normative Debt	890089.69
Normative Equity	417711.79
Cumulative Depreciation	155874.48
Freehold land	32713

(Rs. in lakh)

(Petitioner)

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Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Kudgi STPS Stage-I (3X800 MW)
COD	15-09-2018
For Financial Year	2019-24 (Summary)

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual / Projected)					Justification/ Regulation under which claimed	Amount in Rs Lakh Admitted Cost by the Commission, if any
		2019-20	2020-21	2021-22	2022-23	2023-24		
1	2	3	4	5	6	7	8	9
A. Works under Original scope, Change in Law etc. eligible for RoE at Normal Rate								
1	Balance - Site Levelling Package	4400	3400	0			Please refer Form -9 of respective year	
	SG Civil works - Balance works	2800	3000	600				
	TG Civil works - Balance works	850	1300	0				
	Ash Dyke	1000	1150	800				
	Township	7750	3600	0				
	Steam Generator	500	400	0				
	ESP	850	0	0				
	TG Package	140	300	0				
	Railway Siding	7000	5200	0				
	CHP	3400	3240	500				
	Stacker Reclaimer	2100	2100	0				
	AHP	2000	2350	700				
	CW & MU Civil	640	0	0				
	WTP	900	700	0				
	Station Piping	100	100	0				
	FDPS	400	200	0				
	AC& Ventilation	400	470	0				
	Gen Bus Duct	110	0	0				
	Power Transformer	144	0	0				
	MV Switchgear	138	0	0				
	Electrical Equipment inc. Cables	560	1541	0				
	Switchyard	1180	0	0				
	Reservoir #3	0	7000	1000				
	Additional CPU	0	1500	0				
	Additional UF	0	200	0				
	Side Stream Filtration	0	1000	500				
	Integrated Security	0	2000	500				
	Land	450	250	0				
	MBOA	742	700	0				
	R&R	1100	440	0				
	Capital Spares	4600	8600	0				
	ClO2 system	500	0	0				
	Total (A)	44,754.00	50,741.00	4,600.00				
B. Works beyond Original scope excluding add-cap due to Change in Law eligible for RoE at Wtd. Average rate of Interest								
							Please refer Form -9 of respective year	
	Total (B)							
	Total Add. Cap. Claimed (A+B)	44,754.00	50,741.00	4,600.00				

[Signature]
(Petitioner)

[Signature]

Year-wise Statement of Additional Capitalisation after COD

Name of the Petitioner NTFC Limited									
Name of the Generating Station Kudgi STPS Stage-1 (3x800 MW)									
COD 15-09-2018									
For Financial Year 2019-20									
Sl. No.	Head of Work /Equipment	Accrual basis	ACE Claimed / Un-discharged	Cash basis	IDC	Regulations under which	Justification	Amount in Rs Lakh Admitted Cost by the	
1	2	3	4	5 = (3-4)	6	7		8	9
A. Works under Original scope, Change in Law etc. eligible for RoE at Normal Rate									
1	Balance - Site Levelling Package	4400		4400		24-1 (b)	Works within the original scope and executed between CoD & Cut-off Date		
2	SG Civil works - Balance works	2800		2800		24-1 (b)	Works within the original scope and executed between CoD & Cut-off Date		
3	TG Civil works - Balance works	850		850		24-1 (b)	Works within the original scope and executed between CoD & Cut-off Date		
4	Ash Dyke	1000		1000		24-1 (b)	Works within the original scope and executed between CoD & Cut-off Date		
5	Township	7750		7750		24-1 (b)	Works within the original scope and executed between CoD & Cut-off Date		
6	Steam Generator	500		500		24-1 (b)	Works within the original scope and executed between CoD & Cut-off Date		
7	ESP	850		850		24-1 (b)	Works within the original scope and executed between CoD & Cut-off Date		
8	Control & Instrumentation	140		140		24-1 (b)	Works within the original scope and executed between CoD & Cut-off Date		
9	Railway Siding	7000		7000		24-1 (b)	Works within the original scope and executed between CoD & Cut-off Date		
10	CHP	3400		3400		24-1 (b)	Works within the original scope and executed between CoD & Cut-off Date		
11	Stacker Reclaimer	2100		2100		24-1 (b)	Works within the original scope and executed between CoD & Cut-off Date		
12	AHP	2000		2000		24-1 (b)	Works within the original scope and executed between CoD & Cut-off Date		
13	CW & MU Civil	640		640		24-1 (b)	Works within the original scope and executed between CoD & Cut-off Date		
14	WTP	900		900		24-1 (b)	Works within the original scope and executed between CoD & Cut-off Date		
15	Station Piping	100		100		24-1 (b)	Works within the original scope and executed between CoD & Cut-off Date		
16	FDPS	400		400		24-1 (b)	Works within the original scope and executed between CoD & Cut-off Date		
17	AC& Ventilation	400		400		24-1 (b)	Works within the original scope and executed between CoD & Cut-off Date		
18	Gen Bus Duct	110		110		24-1 (b)	Works within the original scope and executed between CoD & Cut-off Date		
19	Power Transformer	144		144		24-1 (b)	Works within the original scope and executed between CoD & Cut-off Date		
20	MV Switchgear	138		138		24-1 (b)	Works within the original scope and executed between CoD & Cut-off Date		
21	Electrical Equipment inc. Cables	560		560		24-1 (b)	Works within the original scope and executed between CoD & Cut-off Date		
22	Switchyard	1180		1180		24-1 (b)	Works within the original scope and executed between CoD & Cut-off Date		
23	Land	450		450		24-1 (b)	Works within the original scope and executed between CoD & Cut-off Date		
24	MBOA	742		742		24-1 (b)	Works within the original scope and executed between CoD & Cut-off Date		
25	R&R	1100		1100		24-1 (b)	Works within the original scope and executed between CoD & Cut-off Date		
26	Capital Spares	4600		4600		24-1 (c)	4% - Initial spares to be capitalised as a percentage of the Plant and Machinery cost within the original scope		
27	ClO2 system	500		500		26 (1) b	In the instant station, at present Chlorine gas is being dozed directly at various stages of water treatment to maintain water quality and to inhibit organic growth in the water retaining structures/ equipment such as clarifiers, storage tanks, cooling towers, condenser tubes & piping etc. Chlorine dosing is done from chlorine stored in cylinders/ tonners. Chlorine gas is very hazardous and may prove fatal in case of leakage, handling and storage of same involves risk to the life of public at large. In the interest of public safety the chlorine dosing system is now being replaced by Chlorine Dioxide (ClO2) system, which is much safer and less hazardous than chlorine. In the proposed scheme ClO2 shall be produced on site by use of commercial grade HCl and sodium chlorite. As ClO2 is generated at site, avoids handling and storage risk. Further, at Kudgi NTFC project Department of Factories, Boiler, Industrial Safety and Health, Govt of Karnataka has asked NTPC to replace highly hazardous gas chlorination system with ClO2 system. SPCB, Odisha while issuing consent to establish in case of Daripadii Station has asked NTPC to explore the possibility of installing ClO2 system instead of Chlorine gas system (Relevant documents is attached at Annexure-A). For safety of public NTPC is replacing the chlorination system with ClO2 system. Accordingly, Hon'ble Commission may be pleased to allow the same under Reg. 26(1)(b) & 26(1) (d).		
Total (A)		44,754.00		44,754.00					
B. Works beyond Original scope excluding add-cap due to Change in Law eligible for RoE at Wtd. Average rate of Interest									
Total (B)									
Total Add. Cap. Claimed (A+B)		44,754.00		44,754.00					

(Petitioner)

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Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner		Kudgi STPS Stage-I (3X800 MW)		NTPC Limited		15-09-2018		2020-21		Amount in Rs Lakh	
Name of the Generating Station		Kudgi STPS Stage-I (3X800 MW)		NTPC Limited		15-09-2018		2020-21		Amount in Rs Lakh	
COD		15-09-2018		2020-21		2020-21		2020-21		Amount in Rs Lakh	
For Financial Year		2020-21		2020-21		2020-21		2020-21		Amount in Rs Lakh	
Sl. No.	Head of Work /Equipment	Accrual basis	ACE Claimed (Actual / Projected) Un-discharged	Cash basis	5= (3-4)	6	7	8	9	Admitted Cost	
		3	4	5	6	7	8	9			
A. Works under Original scope, Change in Law etc. eligible for RoE at Normal Rate											
1	Balance - Site Levelling Package	3400		3400			24-1 (b)	3400		Works within original scope and executed between CoD & Cut-off Date	
2	SG Civil works - Balance works	3000		3000			24-1 (b)	3000		Works within original scope and executed between CoD & Cut-off Date	
3	TG Civil works - Balance works	1300		1300			24-1 (b)	1300		Works within original scope and executed between CoD & Cut-off Date	
4	Ash Dyke	1150		1150			24-1 (b)	1150		Works within original scope and executed between CoD & Cut-off Date	
5	Township	3600		3600			24-1 (b)	3600		Works within original scope and executed between CoD & Cut-off Date	
6	Steam Generator	400		400			24-1 (b)	400		Works within original scope and executed between CoD & Cut-off Date	
7	Control & Instrumentation	300		300			24-1 (b)	300		Works within original scope and executed between CoD & Cut-off Date	
8	Railway Siding	5200		5200			24-1 (b)	5200		Works within original scope and executed between CoD & Cut-off Date	
9	CHP	3240		3240			24-1 (b)	3240		Works within original scope and executed between CoD & Cut-off Date	
10	Stacker Reclaimer	2100		2100			24-1 (b)	2100		Works within original scope and executed between CoD & Cut-off Date	
11	AHP	2350		2350			24-1 (b)	2350		Works within original scope and executed between CoD & Cut-off Date	
12	WTP	700		700			24-1 (b)	700		Works within original scope and executed between CoD & Cut-off Date	
13	Station Piping	100		100			24-1 (b)	100		Works within original scope and executed between CoD & Cut-off Date	
14	FDPS	200		200			24-1 (b)	200		Works within original scope and executed between CoD & Cut-off Date	
15	AC& Ventilation	470		470			24-1 (b)	470		Works within original scope and executed between CoD & Cut-off Date	
16	Electrical Equipment inc. Cables	1541		1541			24-1 (b)	1541		Works within original scope and executed between CoD & Cut-off Date	
17	Reservoir #3	7000		7000			24-1 (b)	7000		Works within original scope and executed between CoD & Cut-off Date	
18	Additional CPU	1500		1500			24-1 (b)	1500		Works within original scope and executed between CoD & Cut-off Date	
19	Additional UF	200		200			24-1 (b)	200		Works within original scope and executed between CoD & Cut-off Date	
20	Side Stream Filtration	1000		1000			24-1 (b)	1000		Works within original scope and executed between CoD & Cut-off Date	
21	Integrated Security	2000		2000			24-1 (b)	2000		Works within original scope and executed between CoD & Cut-off Date	
22	Land	250		250			24-1 (b)	250		Works within original scope and executed between CoD & Cut-off Date	
23	MBOA	700		700			24-1 (b)	700		Works within original scope and executed between CoD & Cut-off Date	
24	R&R	440		440			24-1 (b)	440		Works within original scope and executed between CoD & Cut-off Date	
25	Capital Spares	8600		8600			24-1 (c)	8600		4 % - Initial spares to be capitalised as a percentage of the Plant and Machinery cost within the original scope	
Total (A)		50,741.00		50,741.00				50,741.00		Works beyond Original scope excluding add-cap due to Change in Law eligible for RoE at Wtd. Average rate of Interest	
B. Works beyond Original scope excluding add-cap due to Change in Law eligible for RoE at Wtd. Average rate of Interest											
Total (B)											
Total Add. Cap. Claimed (A+B)		50,741.00		50,741.00				50,741.00			

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PART-I FORM-9									
Year wise Statement of Additional Capitalisation after COD									
Name of the Petitioner		NTPC Limited							
Name of the Generating Station		Kudgi STPS Stage-I (3X800 MW)							
COD		15-09-2018							
For Financial Year		2022-23							
Sl. No.	Head of Work /Equipment	Accrual basis as per	Un-discharged	ACE Claimed (Actual / Projected)	Regulations under which	Justification	Amount in Rs Lakh		
1	2	3	4	5= (3-4)	7	8	Admitted Cost by the		
A. Works under Original scope, Change in Law etc. eligible for RoE at Normal Rate							9		
1	Total (A)								
B. Works beyond Original scope excluding add-cap due to Change in Law eligible for RoE at Wtd. Average rate of Interest									
2	Total (B)				NA				
Total Add. Cap. Claimed (A+B)									

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Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner		NTPC Limited	
Name of the Generating Station		Kudgi STPS Stage-I (3X800 MW)	
COD		15-09-2018	
For Financial Year		2023-24	

Sl. No.	Head of Work /Equipment	Accrual basis as per	ACE Claimed (Actual / Projected)		Regulations under which	Justification	Amount in Rs Lakh Admitted Cost by the	
			Un-discharged	IDC				
1	2	3	4	5= (3-4)	6	7	8	9

A. Works under Original scope, Change in Law etc. eligible for RoE at Normal Rate
NA

Total (A)
B. Works beyond Original scope excluding add-cap due to Change in Law eligible for RoE at Wtd. Average rate of Interest
NA

Total (B)
Total Add. Cap. Claimed (A+B)

(Petitioner)

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Exhibits

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner		NTPC Limited					
Name of the Generating Station		Kudgi STPS Stage-I (3X800 MW)					
COD		15-09-2018					
For Financial Year		2021-22					

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual / Projected)		Regulations under which	Justification	Amount in Rs Lakh			
		Accrual basis	Un-discharged			Cash basis	IDC	Admitted Cost by the	8
1	2	3	4	5= (3-4)	6	7			
A. Works under Original scope, Change in Law etc. eligible for RoE at Normal Rate									
1	SG Civil works - Balance works	600		600					
2	Ash Dyke	800		800		24 1 (b) and 25-1(d)	Works within original scope and executed between CoD & Cut-off Date. Liability for works executed prior to the cut-off date;		
3	CHP	500		500					
4	AHP	700		700					
5	Reservoir #3	1000		1000					
6	Side Stream Filtration	500		500		24-1 (b)	Works within original scope and executed between CoD & Cut-off Date.		
7	Integrated Security	500		500		24-1 (b)	Works within original scope and executed between CoD & Cut-off Date.		
Total (A)		4,600.00		4,600.00					
B. Works beyond Original scope excluding add-cap due to Change in Law eligible for RoE at Wid. Average rate of Interest									
Total (B)		-		-					
Total Add. Cap. Claimed (A+B)		4,600.00		4,600.00					

Note : Cut-off date is considered as 36 months from Station COD as per Tariff Regulation 2019

(Petitioner)

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**PART-I
FORM-10**

Name of the Petitioner NTPC Limited
Name of the Generating Station Kudgi STPS Stage-I (3X800 MW)
Date of Commercial Operation 15-09-2018

Financial Year (Starting from COD)1	Amount in Rs Lakh										
	Actual						Admitted				
	2019-20	2020-21	2021-22	2022-23	2023-24	2019-20	2020-21	2021-22	2022-23	2023-24	
1		3	4	5	6	7	8	9	10	11	

Amount capitalised in Work/ Equipment

Financing Details	
Loan-1	
Loan-2	
Loan-3 and so on	
Total Loan2	
Equity	
Internal Resources	
Others (Pl. specify)	
Total	

Add cap is proposed to be finance in Debt:Equity ratio of 70:30

(Petitioner)

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Calculation of Depreciation

Name of the Petitioner

Name of the Generating Station

Sl.No.	Name of the Assets ¹	Gross Block as on 31.03.2014 or as on COD, whichever is later and subsequently for each year thereafter upto 31.3.19	Depreciation Amount for each year up to 31.03.19
1	Freehold Land	32,712.72	-
2	Leasehold Land	267.04	8.92
3	Land - Right of use	859.58	28.71
4	Roads, bridges, culverts & helipads	9,300.04	310.62
5	Other Buildings	26,500.31	885.11
6	Temporary erection	14.29	14.29
7	Water supply, drainage & sewerage	10,172.73	537.12
8	Plant and machinery	12,97,887.27	68,528.45
9	Furniture and fixtures	2,458.18	155.60
10	Other Office Equipments	488.83	30.94
11	Earth dam reservoir	8,875.06	468.60
12	Leased assets - Vehicles	-	-
18	EDP, WP machines & SATCOM equipment	283.94	42.59
19	Vehicles including speedboats	17.07	1.62
20	Construction equipment	1,262.57	66.66
21	Electrical installations	9,025.26	476.53
22	Communication equipment	152.37	9.65
23	Hospital equipment	23.84	1.26
24	Laboratory and workshop equipment	241.30	12.74
25	Software	115.20	17.28
26	Main plant building	58,924.78	1,968.09
27	railway siding	36,558.45	1,930.29
	TOTAL	14,96,140.83	75,495.07
	Weighted Average Rate of Depreciation		5.0460%

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Statement of Depreciation

Name of the Company :		NTPC Limited							
Name of the Power Station :		Kudgi STPS Stage-I (3X800 MW)							
S. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	(Amount in Rs Lakh)	
1	2	3	4	5	6	7	8		
1	Opening Capital Cost	1326879.66	13,92,372.62	14,37,126.57	14,87,867.57	14,92,467.57	14,92,467.57	14,92,467.57	
2	Closing Capital Cost	1392372.62	14,37,126.57	14,87,867.57	14,92,467.57	14,92,467.57	14,92,467.57	14,92,467.57	
3	Average Capital Cost	1359626.14	14,14,749.59	14,62,497.07	14,90,167.57	14,92,467.57	14,92,467.57	14,92,467.57	
1a	Cost of IT Equipments & Software included in (1) above*	-	-	-	-	-	-	-	
2a	Cost of IT Equipments & Software included in (2) above*	-	-	-	-	-	-	-	
3a	Average Cost of IT Equipments & Software	-	-	-	-	-	-	-	
4	Freehold land	32,713.00	32,713.00	32,713.00	32,713.00	32,713.00	32,713.00	32,713.00	
5	Rate of depreciation	5.0532%	5.0460%	5.0460%	5.0460%	5.0460%	5.0460%	5.0460%	
6	Depreciable value	13,59,626.14	12,43,832.93	12,86,805.66	13,11,709.11	13,13,779.11	13,13,779.11	13,13,779.11	
7.	Balance useful life at the beginning of the period	25.00	24.46	23.46	22.46	21.46	20.46	20.46	
8	Remaining depreciable value	12,23,369.11	11,59,346.57	11,30,931.18	10,82,037.17	10,08,913.47	9,33,603.70	9,33,603.70	
9	Depreciation (for the period)	0.00	71,388.12	73,797.46	75,193.71	75,309.76	75,309.76	75,309.76	
10	Depreciation (annualised)	68,704.10	71,388.12	73,797.46	75,193.71	75,309.76	75,309.76	75,309.76	
11	Cumulative depreciation at the end of the period	-	1,55,874.48	2,29,671.94	3,04,865.64	3,80,175.41	4,55,485.17	4,55,485.17	
12	Less: Cumulative depreciation adjustment on account of un-	0.00	-	-	-	-	-	-	
13	Add: Cumulative depreciation adjustment on account of	0.00	-	-	-	-	-	-	
14	Less: Cumulative depreciation adjustment on account of de-	0.00	-	-	-	-	-	-	
15	Net Cumulative depreciation at the end of the period after	84,486.36	1,55,874.48	2,29,671.94	3,04,865.64	3,80,175.41	4,55,485.17	4,55,485.17	

* shall be provided at the time of truing up

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Calculation of Interest on Actual Loans						
Name of the Company						
Name of the Power Station						
Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
2						
1	SBI, New York					
	Gross loan - Opening	2029.62	2029.62	2029.62	2029.62	2029.62
	Cumulative repayments of Loans upto previous period	0.00	2029.62	2029.62	2029.62	2029.62
	Net loan - Opening	2029.62	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	2029.62	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	2029.62	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	1014.81	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	4.34%	0.00%	0.00%	0.00%	0.00%
	Interest on Loan Annualised	44.02	0.00	0.00	0.00	0.00
2	JBIC Kudqi repayment from 17.02.2017- 12 years semiannually					
	Gross loan - Opening	210109.29	210109.29	210109.29	210109.29	210109.29
	Cumulative repayments of Loans upto previous period	44455.03	53173.68	61892.32	70610.97	79329.61
	Cumulative FERV of repayments of Loans upto previous period					
	Net loan - Opening	165654.26	156935.62	148216.97	139498.33	130779.68
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	165654.26	156935.62	148216.97	139498.33	130779.68
	Repayments of Loans during the period	8718.65	8718.65	8718.65	8718.65	8718.65
	Net loan - Closing	156935.62	148216.97	139498.33	130779.68	122061.03
	Average Net Loan	161294.94	152576.29	143857.65	135139.00	126420.36
	Rate of Interest on Loan	4.0657%	4.0657%	4.0657%	4.0657%	4.0657%
	Interest on Loan Annualised	6557.77	6203.29	5848.82	5494.35	5139.87
3	4.75% Eurobonds 2022					
	Gross loan - Opening	18224.31	18224.31	18224.31	18224.31	18224.31
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	18224.31	18224.31	18224.31	18224.31	18224.31
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	18224.31	18224.31	18224.31	18224.31	18224.31
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	18224.31	18224.31	18224.31	18224.31	18224.31
	Average Net Loan	18224.31	18224.31	18224.31	9112.15	0.00
	Rate of Interest on Loan	5.02%	5.02%	5.02%	5.02%	5.02%
	Interest on Loan Annualised	915.64	915.64	915.64	457.82	0.00
4	4.375% Eurobonds 2024					
	Gross loan - Opening	67475.49	67475.49	67475.49	67475.49	67475.49
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	67475.49	67475.49	67475.49	67475.49	67475.49
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	67475.49	67475.49	67475.49	67475.49	67475.49
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	67475.49	67475.49	67475.49	67475.49	67475.49
	Average Net Loan	67475.49	67475.49	67475.49	67475.49	67475.49
	Rate of Interest on Loan	4.63%	4.63%	4.63%	4.63%	4.63%
	Interest on Loan Annualised	3122.56	3122.56	3122.56	3122.56	3122.56

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Calculation of Interest on Actual Loans

Name of the Company

Name of the Power Station

Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
2						
5	Mizuho II A					
	Gross loan - Opening	2518.91	2518.91	2518.91	2518.91	2518.91
	Cumulative repayments of Loans upto previous period	0.00	629.73	1889.18	2518.91	2518.91
	Net loan - Opening	2518.91	1889.18	629.73	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	2518.91	1889.18	629.73	0.00	0.00
	Repayments of Loans during the period	629.73	1259.46	629.73	0.00	0.00
	Net loan - Closing	1889.18	629.73	0.00	0.00	0.00
	Average Net Loan	2204.05	1259.46	314.86	0.00	0.00
	Rate of Interest on Loan	4.41%	4.41%	4.41%	4.41%	4.41%
	Interest on Loan Annualised	97.26	55.58	13.89	0.00	0.00
6	Mizuho II B					
	Gross loan - Opening	9011.67	9011.67	9011.67	9011.67	9011.67
	Cumulative repayments of Loans upto previous period	0.00	2252.92	6758.75	9011.67	9011.67
	Net loan - Opening	9011.67	6758.75	2252.92	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	9011.67	6758.75	2252.92	0.00	0.00
	Repayments of Loans during the period	2252.92	4505.84	2252.92	0.00	0.00
	Net loan - Closing	6758.75	2252.92	0.00	0.00	0.00
	Average Net Loan	7885.21	4505.84	1126.46	0.00	0.00
	Rate of Interest on Loan	4.41%	4.41%	4.41%	4.41%	4.41%
	Interest on Loan Annualised	347.95	198.83	49.71	0.00	0.00
7	4.25% Eurobonds 2026					
	Gross loan - Opening	29542.03	29542.03	29542.03	29542.03	29542.03
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	29542.03	29542.03	29542.03	29542.03	29542.03
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	29542.03	29542.03	29542.03	29542.03	29542.03
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	29542.03	29542.03	29542.03	29542.03	29542.03
	Average Net Loan	29542.03	29542.03	29542.03	29542.03	29542.03
	Rate of Interest on Loan	4.50%	4.50%	4.50%	4.50%	4.50%
	Interest on Loan Annualised	1328.06	1328.06	1328.06	1328.06	1328.06
8	2.75% Eurobonds 2027					
	Gross loan - Opening	47218.22	47218.22	47218.22	47218.22	47218.22
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	47218.22	47218.22	47218.22	47218.22	47218.22
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	47218.22	47218.22	47218.22	47218.22	47218.22
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	47218.22	47218.22	47218.22	47218.22	47218.22
	Average Net Loan	47218.22	47218.22	47218.22	47218.22	47218.22
	Rate of Interest on Loan	2.91%	2.91%	2.91%	2.91%	2.91%
	Interest on Loan Annualised	1373.48	1373.48	1373.48	1373.48	1373.48
9	7.25% Fixed Rate Notes due 2022					
	Gross loan - Opening	22931.58	22931.58	22931.58	22931.58	22931.58
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	22931.58
	Net loan - Opening	22931.58	22931.58	22931.58	22931.58	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	22931.58	22931.58	22931.58	22931.58	0.00
	Repayments of Loans during the period	0.00	0.00	0.00	22931.58	0.00
	Net loan - Closing	22931.58	22931.58	22931.58	0.00	0.00
	Average Net Loan	22931.58	22931.58	22931.58	11465.79	0.00
	Rate of Interest on Loan	7.78%	7.78%	7.78%	7.78%	7.78%
	Interest on Loan Annualised	1782.98	1782.98	1782.98	891.49	0.00
10	JPY Equ. 350Million A					
	Gross loan - Opening	21001.79	21001.79	21001.79	21001.79	21001.79
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	21001.79	21001.79	21001.79	21001.79	21001.79
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	21001.79	21001.79	21001.79	21001.79	21001.79
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	21001.79	21001.79	21001.79	21001.79	21001.79
	Average Net Loan	21001.79	21001.79	21001.79	21001.79	21001.79
	Rate of Interest on Loan	1.03%	1.03%	1.03%	1.03%	1.03%
	Interest on Loan Annualised	216.07	216.07	216.07	216.07	216.07
11	JPY Equ 350 Million B					
	Gross loan - Opening	9460.62	9460.62	9460.62	9460.62	9460.62
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	9460.62	9460.62	9460.62	9460.62	9460.62
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	9460.62	9460.62	9460.62	9460.62	9460.62
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	9460.62	9460.62	9460.62	9460.62	9460.62
	Average Net Loan	9460.62	9460.62	9460.62	9460.62	9460.62
	Rate of Interest on Loan	1.03%	1.03%	1.03%	1.03%	1.03%
	Interest on Loan Annualised	97.33	97.33	97.33	97.33	97.33

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Calculation of Interest on Actual Loans						
Name of the Company						
Name of the Power Station						
Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
	2					
12	4.50 Fixed Rate Notes due 2028					
	Gross loan - Opening	13105.92	13105.92	13105.92	13105.92	13105.92
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	13105.92	13105.92	13105.92	13105.92	13105.92
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	13105.92	13105.92	13105.92	13105.92	13105.92
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	13105.92	13105.92	13105.92	13105.92	13105.92
	Average Net Loan	13105.92	13105.92	13105.92	13105.92	13105.92
	Rate of Interest on Loan	4.76%	4.76%	4.76%	4.76%	4.76%
	Interest on Loan Annualised	623.83	623.83	623.83	623.83	623.83
13	JPY Equ. 300Million B					
	Gross loan - Opening	10014.34	10014.34	10014.34	10014.34	10014.34
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	10014.34	10014.34	10014.34	10014.34	10014.34
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	10014.34	10014.34	10014.34	10014.34	10014.34
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	10014.34	10014.34	10014.34	10014.34	10014.34
	Average Net Loan	10014.34	10014.34	10014.34	10014.34	10014.34
	Rate of Interest on Loan	1.09390%	1.09390%	1.09390%	1.09390%	1.09390%
	Interest on Loan Annualised	109.55	109.55	109.55	109.55	109.55
14	JPY Equ. 300Million B					
	Gross loan - Opening	4231.24	4231.24	4231.24	4231.24	4231.24
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	4231.24	4231.24	4231.24	4231.24	4231.24
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	4231.24	4231.24	4231.24	4231.24	4231.24
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	4231.24	4231.24	4231.24	4231.24	4231.24
	Average Net Loan	4231.24	4231.24	4231.24	4231.24	4231.24
	Rate of Interest on Loan	1.09390%	1.09390%	1.09390%	1.09390%	1.09390%
	Interest on Loan Annualised	46.29	46.29	46.29	46.29	46.29

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Calculation of Interest on Actual Loans						
Name of the Company						
Name of the Power Station						
Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
2						
15	Bank of India-II Repayment from 28.06.2019 10Y					
	Gross loan - Opening	34000.00	34000.00	34000.00	34000.00	34000.00
	Cumulative repayments of Loans upto previous period	0.00	3400.00	6800.00	10200.00	13600.00
	Net loan - Opening	34000.00	30600.00	27200.00	23800.00	20400.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	34000.00	30600.00	27200.00	23800.00	20400.00
	Repayments of Loans during the period	3400.00	3400.00	3400.00	3400.00	3400.00
	Net loan - Closing	30600.00	27200.00	23800.00	20400.00	17000.00
	Average Net Loan	32300.00	28900.00	25500.00	22100.00	18700.00
	Rate of Interest on Loan	8.30%	8.30%	8.30%	8.30%	8.30%
	Interest on Loan Annualised	2680.90	2398.70	2116.50	1834.30	1552.10
16	CORPORATION BANK-III repayment from 28.03.2018 20HY					
	Gross loan - Opening	5000.00	5000.00	5000.00	5000.00	5000.00
	Cumulative repayments of Loans upto previous period	750.00	1250.00	1750.00	2250.00	2750.00
	Net loan - Opening	4250.00	3750.00	3250.00	2750.00	2250.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	4250.00	3750.00	3250.00	2750.00	2250.00
	Repayments of Loans during the period	500.00	500.00	500.00	500.00	500.00
	Net loan - Closing	3750.00	3250.00	2750.00	2250.00	1750.00
	Average Net Loan	4000.00	3500.00	3000.00	2500.00	2000.00
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	328.00	287.00	246.00	205.00	164.00
17	HDFC BANK-III repayment from 04.12.2021 9Y					
	Gross loan - Opening	8100.00	8100.00	8100.00	8100.00	8100.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	900.00	1800.00
	Net loan - Opening	8100.00	8100.00	8100.00	7200.00	6300.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	8100.00	8100.00	8100.00	7200.00	6300.00
	Repayments of Loans during the period	0.00	0.00	900.00	900.00	900.00
	Net loan - Closing	8100.00	8100.00	7200.00	6300.00	5400.00
	Average Net Loan	8100.00	8100.00	7650.00	6750.00	5850.00
	Rate of Interest on Loan	8.45%	8.45%	8.45%	8.45%	8.45%
	Interest on Loan Annualised	684.45	684.45	646.43	570.38	494.33
18	HDFC BANK-IV repayment from 17.04.2021 9Y					
	Gross loan - Opening	6800.00	6800.00	6800.00	6800.00	6800.00
	Cumulative repayments of Loans upto previous period	3000.00	3000.00	3000.00	3422.22	3844.44
	Net loan - Opening	3800.00	3800.00	3800.00	3377.78	2955.56
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	3800.00	3800.00	3800.00	3377.78	2955.56
	Repayments of Loans during the period	0.00	0.00	422.22	422.22	422.22
	Net loan - Closing	3800.00	3800.00	3377.78	2955.56	2533.33
	Average Net Loan	3800.00	3800.00	3588.89	3166.67	2744.44
	Rate of Interest on Loan	8.45%	8.45%	8.45%	8.45%	8.45%
	Interest on Loan Annualised	321.10	321.10	303.26	267.58	231.91
19	HDFC BANK-V repayment from 25.09.2024 9Y					
	Gross loan - Opening	27697.00	27697.00	27697.00	27697.00	27697.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	27697.00	27697.00	27697.00	27697.00	27697.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	27697.00	27697.00	27697.00	27697.00	27697.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	27697.00	27697.00	27697.00	27697.00	27697.00
	Average Net Loan	27697.00	27697.00	27697.00	27697.00	27697.00
	Rate of Interest on Loan	8.45%	8.45%	8.45%	8.45%	8.45%
	Interest on Loan Annualised	2340.40	2340.40	2340.40	2340.40	2340.40

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Calculation of Interest on Actual Loans						
Name of the Company						
Name of the Power Station						
Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
	2					
20	SBI-X Repayment from 01.10.2024 9Y					
	Gross loan - Opening	40000.00	40000.00	40000.00	40000.00	40000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	40000.00	40000.00	40000.00	40000.00	40000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	40000.00	40000.00	40000.00	40000.00	40000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	40000.00	40000.00	40000.00	40000.00	40000.00
	Average Net Loan	40000.00	40000.00	40000.00	40000.00	40000.00
	Rate of Interest on Loan	8.25%	8.25%	8.25%	8.25%	8.25%
	Interest on Loan Annualised	3300.00	3300.00	3300.00	3300.00	3300.00
21	Punjab National Bank-III repayment from 01.02.2022 9Y					
	Gross loan - Opening	10000.00	10000.00	10000.00	10000.00	10000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	1111.11	2222.22
	Net loan - Opening	10000.00	10000.00	10000.00	8888.89	7777.78
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	10000.00	10000.00	10000.00	8888.89	7777.78
	Repayments of Loans during the period	0.00	0.00	1111.11	1111.11	1111.11
	Net loan - Closing	10000.00	10000.00	8888.89	7777.78	6666.67
	Average Net Loan	10000.00	10000.00	9444.44	8333.33	7222.22
	Rate of Interest on Loan	8.300%	8.300%	8.300%	8.300%	8.300%
	Interest on Loan Annualised	830.00	830.00	783.89	691.67	599.44
22	Jammu and Kashmir Bank-IV repayment from 31.03.2021 9Y					
	Gross loan - Opening	4500.00	4500.00	4500.00	4500.00	4500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	500.00	1000.00	1500.00
	Net loan - Opening	4500.00	4500.00	4000.00	3500.00	3000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	4500.00	4500.00	4000.00	3500.00	3000.00
	Repayments of Loans during the period	0.00	500.00	500.00	500.00	500.00
	Net loan - Closing	4500.00	4000.00	3500.00	3000.00	2500.00
	Average Net Loan	4500.00	4250.00	3750.00	3250.00	2750.00
	Rate of Interest on Loan	8.30%	8.30%	8.30%	8.30%	8.30%
	Interest on Loan Annualised	373.50	352.75	311.25	269.75	228.25
23	SBI VII Total repayment from 30.09.2015 -16HY					
	Gross loan - Opening	48500.00	48500.00	48500.00	48500.00	48500.00
	Cumulative repayments of Loans upto previous period	24250.00	30312.50	36375.00	42437.50	48500.00
	Net loan - Opening	24250.00	18187.50	12125.00	6062.50	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	24250.00	18187.50	12125.00	6062.50	0.00
	Repayments of Loans during the period	6062.50	6062.50	6062.50	6062.50	0.00
	Net loan - Closing	18187.50	12125.00	6062.50	0.00	0.00
	Average Net Loan	21218.75	15156.25	9093.75	3031.25	0.00
	Rate of Interest on Loan	8.25%	8.25%	8.25%	8.25%	8.25%
	Interest on Loan Annualised	1750.55	1250.39	750.23	250.08	0.00
24	SBI VIII Total repayment from 31.01.2022 -9Y					
	Gross loan - Opening	87400.00	87400.00	87400.00	87400.00	87400.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	9711.11	19422.22
	Net loan - Opening	87400.00	87400.00	87400.00	77688.89	67977.78
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	87400.00	87400.00	87400.00	77688.89	67977.78
	Repayments of Loans during the period	0.00	0.00	9711.11	9711.11	9711.11
	Net loan - Closing	87400.00	87400.00	77688.89	67977.78	58266.67
	Average Net Loan	87400.00	87400.00	82544.44	72833.33	63122.22
	Rate of Interest on Loan	8.25%	8.25%	8.25%	8.25%	8.25%
	Interest on Loan Annualised	7210.50	7210.50	6809.92	6008.75	5207.58

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Calculation of Interest on Actual Loans

Name of the Company
Name of the Power Station

Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
2						
25	SBI-IX Repayment from 31.03.2021 9Y					
	Gross loan - Opening	26200.00	26200.00	26200.00	26200.00	26200.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	2911.11	5822.22	8733.33
	Net loan - Opening	26200.00	26200.00	23288.89	20377.78	17466.67
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	26200.00	26200.00	23288.89	20377.78	17466.67
	Repayments of Loans during the period	0.00	2911.11	2911.11	2911.11	2911.11
	Net loan - Closing	26200.00	23288.89	20377.78	17466.67	14555.56
	Average Net Loan	26200.00	24744.44	21833.33	18922.22	16011.11
	Rate of Interest on Loan	8.25%	8.25%	8.25%	8.25%	8.25%
	Interest on Loan Annualised	2161.50	2041.42	1801.25	1561.08	1320.92
26	Union Bank of India - II Repayment from 01.02.2017 20HY					
	Gross loan - Opening	10000.00	10000.00	10000.00	10000.00	10000.00
	Cumulative repayments of Loans upto previous period	2500.00	3500.00	4500.00	5500.00	6500.00
	Net loan - Opening	7500.00	6500.00	5500.00	4500.00	3500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	7500.00	6500.00	5500.00	4500.00	3500.00
	Repayments of Loans during the period	1000.00	1000.00	1000.00	1000.00	1000.00
	Net loan - Closing	6500.00	5500.00	4500.00	3500.00	2500.00
	Average Net Loan	7000.00	6000.00	5000.00	4000.00	3000.00
	Rate of Interest on Loan	8.50%	8.50%	8.50%	8.50%	8.50%
	Interest on Loan Annualised	595.00	510.00	425.00	340.00	255.00
27	VIJAYA BANK VI repayment from 14.03.2020 -10Y					
	Gross loan - Opening	5000.00	5000.00	5000.00	5000.00	5000.00
	Cumulative repayments of Loans upto previous period	0.00	500.00	1000.00	1500.00	2000.00
	Net loan - Opening	5000.00	4500.00	4000.00	3500.00	3000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	5000.00	4500.00	4000.00	3500.00	3000.00
	Repayments of Loans during the period	500.00	500.00	500.00	500.00	500.00
	Net loan - Closing	4500.00	4000.00	3500.00	3000.00	2500.00
	Average Net Loan	4750.00	4250.00	3750.00	3250.00	2750.00
	Rate of Interest on Loan	8.40%	8.40%	8.40%	8.40%	8.40%
	Interest on Loan Annualised	399.00	357.00	315.00	273.00	231.00
28	Punjab National Bank IV D1 dtd 01.01.2019 repayment start from 01.02.2022					
	Gross loan - Opening	6000.00	6000.00	6000.00	6000.00	6000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	6000.00	6000.00	6000.00	6000.00	6000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	6000.00	6000.00	6000.00	6000.00	6000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	6000.00	6000.00	6000.00	6000.00	6000.00
	Average Net Loan	6000.00	6000.00	6000.00	6000.00	6000.00
	Rate of Interest on Loan	8.30%	8.30%	8.30%	8.30%	8.30%
	Interest on Loan Annualised	498.00	498.00	498.00	498.00	498.00
29	SBI XII D2 dtd 18.02.2019 repayment start from 31.03.2026					
	Gross loan - Opening	20000.00	20000.00	20000.00	20000.00	20000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	20000.00	20000.00	20000.00	20000.00	20000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	20000.00	20000.00	20000.00	20000.00	20000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	20000.00	20000.00	20000.00	20000.00	20000.00
	Average Net Loan	20000.00	20000.00	20000.00	20000.00	20000.00
	Rate of Interest on Loan	8.35%	8.35%	8.35%	8.35%	8.35%
	Interest on Loan Annualised	1670.00	1670.00	1670.00	1670.00	1670.00
30	Corporation Bank D1 dtd 11.01.2019 repayment start from 11.01.2023					
	Gross loan - Opening	20000.00	20000.00	20000.00	20000.00	20000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	20000.00	20000.00	20000.00	20000.00	20000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	20000.00	20000.00	20000.00	20000.00	20000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	20000.00	20000.00	20000.00	20000.00	20000.00
	Average Net Loan	20000.00	20000.00	20000.00	20000.00	20000.00
	Rate of Interest on Loan	8.25%	8.25%	8.25%	8.25%	8.25%
	Interest on Loan Annualised	1650.00	1650.00	1650.00	1650.00	1650.00
31	PNB III D5 dtd 26.09.2018 payment start from 01.02.2022, 9 yearlv installment					
	Gross loan - Opening	3500.00	3500.00	3500.00	3500.00	3500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	388.89	777.78
	Net loan - Opening	3500.00	3500.00	3500.00	3111.11	2722.22
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	3500.00	3500.00	3500.00	3111.11	2722.22
	Repayments of Loans during the period	0.00	0.00	388.89	388.89	388.89
	Net loan - Closing	3500.00	3500.00	3111.11	2722.22	2333.33

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Calculation of Interest on Actual Loans						
Name of the Company						
Name of the Power Station						
Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
	2					
	Average Net Loan	3500.00	3500.00	3305.56	2916.67	2527.78
	Rate of Interest on Loan	8.300%	8.300%	8.300%	8.300%	8.300%
	Interest on Loan Annualised	290.50	290.50	274.36	242.08	209.81
32	Bonds-44-repayment from 04.05.2023 - 5Y					
	Gross loan - Opening	26000.00	26000.00	26000.00	26000.00	26000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	26000.00	26000.00	26000.00	26000.00	26000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	26000.00	26000.00	26000.00	26000.00	26000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	5200.00
	Net loan - Closing	26000.00	26000.00	26000.00	26000.00	20800.00
	Average Net Loan	26000.00	26000.00	26000.00	26000.00	23400.00
	Rate of Interest on Loan	9.280%	9.280%	9.280%	9.280%	9.280%
	Interest on Loan Annualised	2412.80	2412.80	2412.80	2412.80	2171.52
33	Bonds- L 1A-repayment on 16.12.2023 Bullet Repayment					
	Gross loan - Opening	3904.21	3904.21	3904.21	3904.21	3904.21
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	3904.21	3904.21	3904.21	3904.21	3904.21
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	3904.21	3904.21	3904.21	3904.21	3904.21
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	3904.21
	Net loan - Closing	3904.21	3904.21	3904.21	3904.21	0.00
	Average Net Loan	3904.21	3904.21	3904.21	3904.21	1952.11
	Rate of Interest on Loan	8.440%	8.440%	8.440%	8.440%	8.440%
	Interest on Loan Annualised	329.52	329.52	329.52	329.52	164.76

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Calculation of Interest on Actual Loans						
Name of the Company						
Name of the Power Station						
Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
2						
34	Bonds- L 2A -repayment on 16.12.2028 Bullet Repayment					
	Gross loan - Opening	1999.57	1999.57	1999.57	1999.57	1999.57
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	1999.57	1999.57	1999.57	1999.57	1999.57
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	1999.57	1999.57	1999.57	1999.57	1999.57
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	1999.57	1999.57	1999.57	1999.57	1999.57
	Average Net Loan	1999.57	1999.57	1999.57	1999.57	1999.57
	Rate of Interest on Loan	8.510%	8.510%	8.510%	8.510%	8.510%
	Interest on Loan Annualised	170.16	170.16	170.16	170.16	170.16
35	Bonds- L 3A -repayment on 16.12.2033 Bullet Repayment					
	Gross loan - Opening	2496.22	2496.22	2496.22	2496.22	2496.22
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	2496.22	2496.22	2496.22	2496.22	2496.22
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	2496.22	2496.22	2496.22	2496.22	2496.22
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	2496.22	2496.22	2496.22	2496.22	2496.22
	Average Net Loan	2496.22	2496.22	2496.22	2496.22	2496.22
	Rate of Interest on Loan	8.690%	8.690%	8.690%	8.690%	8.690%
	Interest on Loan Annualised	216.92	216.92	216.92	216.92	216.92
36	Bonds- L 1B -repayment on 16.12.2023 Bullet Repayment					
	Gross loan - Opening	1669.11	1669.11	1669.11	1669.11	1669.11
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	1669.11	1669.11	1669.11	1669.11	1669.11
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	1669.11	1669.11	1669.11	1669.11	1669.11
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	1669.11	1669.11	1669.11	1669.11	1669.11
	Average Net Loan	1669.11	1669.11	1669.11	1669.11	834.56
	Rate of Interest on Loan	8.690%	8.690%	8.690%	8.690%	8.690%
	Interest on Loan Annualised	145.05	145.05	145.05	145.05	72.52
37	Bonds- L 2B-repayment on 16.12.2028 Bullet Repayment					
	Gross loan - Opening	731.14	731.14	731.14	731.14	731.14
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	731.14	731.14	731.14	731.14	731.14
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	731.14	731.14	731.14	731.14	731.14
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	731.14	731.14	731.14	731.14	731.14
	Average Net Loan	731.14	731.14	731.14	731.14	731.14
	Rate of Interest on Loan	8.760%	8.760%	8.760%	8.760%	8.760%
	Interest on Loan Annualised	64.05	64.05	64.05	64.05	64.05
38	Bonds- L 3B- repayment on 16.12.2033 Bullet Repayment					
	Gross loan - Opening	3199.74	3199.74	3199.74	3199.74	3199.74
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	3199.74	3199.74	3199.74	3199.74	3199.74
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	3199.74	3199.74	3199.74	3199.74	3199.74
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	3199.74	3199.74	3199.74	3199.74	3199.74
	Average Net Loan	3199.74	3199.74	3199.74	3199.74	3199.74
	Rate of Interest on Loan	8.940%	8.940%	8.940%	8.940%	8.940%
	Interest on Loan Annualised	286.06	286.06	286.06	286.06	286.06

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Loans

Calculation of Interest on Actual Loans						
Name of the Company						
Name of the Power Station						
Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
2						
39	Bond 52 Repayment on 24.03.2024 Bullet Repayment					
	Gross loan - Opening	20000.00	20000.00	20000.00	20000.00	20000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	20000.00	20000.00	20000.00	20000.00	20000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	20000.00	20000.00	20000.00	20000.00	20000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	20000.00
	Net loan - Closing	20000.00	20000.00	20000.00	20000.00	0.00
	Average Net Loan	20000.00	20000.00	20000.00	20000.00	10000.00
	Rate of Interest on Loan	9.370%	9.370%	9.370%	9.370%	9.370%
	Interest on Loan Annualised	1874.00	1874.00	1874.00	1874.00	937.00
40	Bond 53 Repayment on 22.09.2024 Bullet Repayment					
	Gross loan - Opening	16500.00	16500.00	16500.00	16500.00	16500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	16500.00	16500.00	16500.00	16500.00	16500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	16500.00	16500.00	16500.00	16500.00	16500.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	16500.00	16500.00	16500.00	16500.00	16500.00
	Average Net Loan	16500.00	16500.00	16500.00	16500.00	16500.00
	Rate of Interest on Loan	9.200%	9.200%	9.200%	9.200%	9.200%
	Interest on Loan Annualised	1518.00	1518.00	1518.00	1518.00	1518.00
41	Bond 54 Repayment on 25.03.2023					
	Gross loan - Opening	123300.00	123300.00	123300.00	123300.00	123300.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	24660.00
	Net loan - Opening	123300.00	123300.00	123300.00	123300.00	98640.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	123300.00	123300.00	123300.00	123300.00	98640.00
	Repayments of Loans during the period	0.00	0.00	0.00	24660.00	49320.00
	Net loan - Closing	123300.00	123300.00	123300.00	98640.00	49320.00
	Average Net Loan	123300.00	123300.00	123300.00	110970.00	73980.00
	Rate of Interest on Loan	8.520%	8.520%	8.520%	8.520%	8.520%
	Interest on Loan Annualised	10505.16	10505.16	10505.16	9454.64	6303.10
42	Bond 59 Repayment on 24.02.2021 Bullet Repayment					
	Gross loan - Opening	7000.00	7000.00	7000.00	7000.00	7000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	7000.00	7000.00	7000.00
	Net loan - Opening	7000.00	7000.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	7000.00	7000.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	7000.00	0.00	0.00	0.00
	Net loan - Closing	7000.00	0.00	0.00	0.00	0.00
	Average Net Loan	7000.00	3500.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.360%	8.360%	8.360%	8.360%	8.360%
	Interest on Loan Annualised	585.20	292.60	0.00	0.00	0.00
43	Bond 60 Repayment on 05.05.2026 Bullet Repayment					
	Gross loan - Opening	3800.00	3800.00	3800.00	3800.00	3800.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	3800.00	3800.00	3800.00	3800.00	3800.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	3800.00	3800.00	3800.00	3800.00	3800.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	3800.00	3800.00	3800.00	3800.00	3800.00
	Average Net Loan	3800.00	3800.00	3800.00	3800.00	3800.00
	Rate of Interest on Loan	8.080%	8.080%	8.080%	8.080%	8.080%
	Interest on Loan Annualised	307.04	307.04	307.04	307.04	307.04

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Calculation of Interest on Actual Loans						
Name of the Company						
Name of the Power Station						
Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
2						
44	Bond 61 Repayment on 27.05.2021 3 Inst after every 5 years					
	Gross loan - Opening	10000.00	10000.00	10000.00	10000.00	10000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	3333.33	3333.33
	Net loan - Opening	10000.00	10000.00	10000.00	6666.67	6666.67
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	10000.00	10000.00	10000.00	6666.67	6666.67
	Repayments of Loans during the period	0.00	0.00	3333.33	0.00	0.00
	Net loan - Closing	10000.00	10000.00	6666.67	6666.67	6666.67
	Average Net Loan	10000.00	10000.00	8333.33	6666.67	6666.67
	Rate of Interest on Loan	8.130%	8.130%	8.130%	8.130%	8.130%
	Interest on Loan Annualised	813.00	813.00	677.50	542.00	542.00
45	Bond 62 Repayment on 23.08.2026 Bullet Repayment					
	Gross loan - Opening	13500.00	13500.00	13500.00	13500.00	13500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	13500.00	13500.00	13500.00	13500.00	13500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	13500.00	13500.00	13500.00	13500.00	13500.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	13500.00	13500.00	13500.00	13500.00	13500.00
	Average Net Loan	13500.00	13500.00	13500.00	13500.00	13500.00
	Rate of Interest on Loan	7.610%	7.610%	7.610%	7.610%	7.610%
	Interest on Loan Annualised	1027.35	1027.35	1027.35	1027.35	1027.35
46	Bond 63 Repayment on 16.09.2026 Bullet Repayment					
	Gross loan - Opening	14400.00	14400.00	14400.00	14400.00	14400.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	14400.00	14400.00	14400.00	14400.00	14400.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	14400.00	14400.00	14400.00	14400.00	14400.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	14400.00	14400.00	14400.00	14400.00	14400.00
	Average Net Loan	14400.00	14400.00	14400.00	14400.00	14400.00
	Rate of Interest on Loan	7.500%	7.500%	7.500%	7.500%	7.500%
	Interest on Loan Annualised	1080.00	1080.00	1080.00	1080.00	1080.00
47	Bond 64 Repayment on 07.11.2031 Bullet Repayment					
	Gross loan - Opening	5000.00	5000.00	5000.00	5000.00	5000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	5000.00	5000.00	5000.00	5000.00	5000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	5000.00	5000.00	5000.00	5000.00	5000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	5000.00	5000.00	5000.00	5000.00	5000.00
	Average Net Loan	5000.00	5000.00	5000.00	5000.00	5000.00
	Rate of Interest on Loan	7.520%	7.520%	7.520%	7.520%	7.520%
	Interest on Loan Annualised	376.00	376.00	376.00	376.00	376.00
48	Bond 65 Repayment on 24.11.2021 Bullet Repayment					
	Gross loan - Opening	8700.00	8700.00	8700.00	8700.00	8700.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	8700.00	8700.00
	Net loan - Opening	8700.00	8700.00	8700.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	8700.00	8700.00	8700.00	0.00	0.00
	Repayments of Loans during the period	0.00	0.00	8700.00	0.00	0.00
	Net loan - Closing	8700.00	8700.00	0.00	0.00	0.00
	Average Net Loan	8700.00	8700.00	4350.00	0.00	0.00
	Rate of Interest on Loan	6.750%	6.750%	6.750%	6.750%	6.750%
	Interest on Loan Annualised	587.25	587.25	293.63	0.00	0.00

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Calculation of Interest on Actual Loans						
Name of the Company						
Name of the Power Station						
Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
	2					
49	Bond 66 Repayment on 14.12.2031 Bullet Repayment					
	Gross loan - Opening	30300.00	30300.00	30300.00	30300.00	30300.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	30300.00	30300.00	30300.00	30300.00	30300.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	30300.00	30300.00	30300.00	30300.00	30300.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	30300.00	30300.00	30300.00	30300.00	30300.00
	Average Net Loan	30300.00	30300.00	30300.00	30300.00	30300.00
	Rate of Interest on Loan	7.400%	7.400%	7.400%	7.400%	7.400%
	Interest on Loan Annualised	2242.20	2242.20	2242.20	2242.20	2242.20
50	Bond 67 Repayment on 15.01.2029 Bullet Repayment					
	Gross loan - Opening	10000.00	10000.00	10000.00	10000.00	10000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	10000.00	10000.00	10000.00	10000.00	10000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	10000.00	10000.00	10000.00	10000.00	10000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	10000.00	10000.00	10000.00	10000.00	10000.00
	Average Net Loan	10000.00	10000.00	10000.00	10000.00	10000.00
	Rate of Interest on Loan	8.430%	8.430%	8.430%	8.430%	8.430%
	Interest on Loan Annualised	843.00	843.00	843.00	843.00	843.00
	TOTAL LOAN					
	Gross loan - Opening	1132072.04	1132072.04	1132072.04	1132072.04	1132072.04
	Cumulative repayments of Loans upto previous period*	74955.03	100048.45	136405.99	187447.56	289389.04
	Cumulative FERV of repayments of Loans upto previous period					
	Net loan - Opening	1057117.01	1032023.60	995666.05	944624.48	842683.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	1057117.01	1032023.60	995666.05	944624.48	842683.00
	Repayments of Loans during the period	25093.41	36357.55	51041.57	101941.48	110156.41
	Net loan - Closing	1032023.60	995666.05	944624.48	842683.00	732526.59
	Average Net Loan	1044570.30	1013844.82	970145.26	893653.74	787604.79
	Rate of Interest on Loan	6.6179%	6.6239%	6.6112%	6.5598%	6.3904%
	Interest on Loan Annualised	69128.93	67155.85	64138.12	58621.68	50331.44

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Calculation of Interest on Actual Loans						
Name of the Company						
Name of the Power Station						
Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
	2					
	Note: In case of foreign loans, opening loan balance considered at following exchange rate					
	Exchange rate 30.07.2017 US \$= INR 64.74					
	Exchange rate 30.07.2017 EURO= INR 75.91					
	Exchange rate 30.12.2017 US \$= INR 64.63					
	Exchange rate 30.12.2017 EURO= INR 77.56					
	Exchange rate 30.12.2017 JPY= INR 0.5755					
	Exchange rate 14.09.2018 US \$= INR 72.29					
	Exchange rate 14.09.2018 EURO= INR 85.12					
	Exchange rate 14.09.2018 JPY= INR 0.6507					

Exhibits

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Name of the Bank	Interest Details	
	w.e.f.	ROI
Allahabad Bank-III	18-Feb-13	10.2000%
	04-Mar-14	10.2500%
	08-Jun-15	9.9500%
	05-Oct-15	9.7000%
	25-Jul-16	9.5500%
Allahabad Bank-IV	31-Dec-14	10.2500%
	08-Jun-15	9.9500%
	05-Oct-15	9.7000%
	25-Jul-16	9.5500%
Andhra Bank-I	19-Aug-13	10.2500%
	11-Jun-15	10.0000%
	29-Sep-15	9.7500%
	01-Aug-16	9.5500%
	01-Nov-16	9.4500%
Andhra Bank-II	19-Aug-13	10.2500%
	11-Jun-15	10.0000%
	29-Sep-15	9.7500%
	01-Aug-16	9.5500%
	01-Nov-16	9.4500%
Axis Bank-I	19.08.2013	10.5000%
	01.11.2014	10.4000%
	13.04.2015	10.2000%
	30.06.2015	10.1000%
	22.09.2015	9.8500%
	05.10.2015	9.5000%
	18-Apr-16	9.4500%
	27-Jul-16	9.3500%
	01-Aug-16	9.3000%
	18-Jan-17	8.0500%
	18-Jul-17	8.0000%
	18-Jan-18	8.0500%
	18-Apr-18	8.1500%
	18-Jul-18	8.3500%
	18-Oct-18	8.5000%
	18-Jan-19	8.6500%
	22-Feb-19	8.5000%
22-Mar-19	8.4500%	
Bank of India-II	20.01.2014	10.2000%
	04.05.2015	9.9500%
	05.10.2015	9.7000%
	01-Aug-16	9.4000%
	20-Dec-16	9.0500%
	20-Jan-17	8.2500%
	20-Feb-17	8.2000%
	20-Mar-17	8.1500%
	20-Jul-17	8.10%
	20-Sep-17	8.00%
	20-Apr-18	8.10%
	20-Jun-18	8.20%
	20-Jul-18	8.05%
	20-Sep-18	8.10%
	20-Oct-18	8.15%
20-Nov-18	8.25%	
20-Dec-18	8.30%	
Bank of Baroda	15-Dec-14	10.2500%
	06-May-15	10.0000%
	13-Jul-15	9.9000%
	05-Oct-15	9.6500%
	01-Jul-16	9.6000%
	13-Feb-17	8.3500%
Bank of Maharashtra-III	26-Aug-13	10.5000%
	21-Apr-14	10.6500%
	30-Aug-14	10.4000%
	15-Dec-14	10.2500%
	1-Jun-15	10.0000%
	5-Oct-15	9.7000%
	9-Dec-16	9.1000%
	9-Jan-17	8.8000%
9-Feb-17	8.7000%	
Bank of Maharashtra-IV	26-Aug-13	10.2500%
	21-Apr-14	10.4000%
	15-Dec-14	10.2500%
	1-Jun-15	10.0000%
	5-Oct-15	9.7000%
	9-Dec-16	9.1000%
	9-Jan-17	8.8000%
9-Feb-17	8.7000%	
Bank of Maharashtra-V	26-Aug-13	10.2500%

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		21-Apr-14	10.4000%
		15-Dec-14	10.2500%
		1-Jun-15	10.0000%
		5-Oct-15	9.7000%
		9-Dec-16	9.1000%
		9-Jan-17	8.8000%
		9-Feb-17	8.7000%
Canara Bank-II (T-I)		30-Jun-09	10.00%
		12-Aug-10	10.50%
		13-Dec-10	11.00%
		4-Feb-11	11.50%
		5-May-11	12.00%
		1-Jul-11	12.25%
		1-Aug-11	12.75%
		1-May-12	12.50%
		4-Feb-13	12.25%
Canara Bank-II (T-II)		29-Sep-11	10.75%
		1-May-12	10.50%
		4-Feb-13	10.25%
Canara Bank-II-Merged		01-Jan-14	10.2000%
		11-May-15	10.0000%
		03-Sep-15	9.9000%
		07-Oct-15	9.6500%
		01-Aug-16	9.3500%
		07-Jan-17	8.3000%
		07-Jul-17	8.1500%
		07-Oct-17	8.1000%
		07-Apr-18	8.2000%
		07-Jul-18	8.30%
		07-Oct-18	8.40%
		07-Jan-19	8.45%
Canara Bank-III		01-Apr-14	10.2000%
		11-May-15	10.0000%
		03-Sep-15	9.9000%
		07-Oct-15	9.6500%
		01-Aug-16	9.3500%
		07-Jan-17	8.3000%
		07-Jul-17	8.15%
		07-Oct-17	8.10%
		07-Apr-18	8.20%
		07-Jul-18	8.30%
		07-Oct-18	8.40%
		07-Jan-19	8.45%
Central Bank of India-III		19.08.2013	10.2500%
		8-Jun-15	9.9500%
		8-Oct-15	9.7000%
		01-Aug-16	9.3500%
		01-Jan-17	8.3500%
		01-May-17	8.2000%
		01-Sep-17	8.1000%
		01-Dec-17	7.9000%
		01-Apr-18	8.0500%
Central Bank of India-IV		19.08.2013	10.2500%
		8-Jun-15	9.9500%
		8-Oct-15	9.7000%
		01-Aug-16	9.3500%
		01-Jan-17	8.3500%
		01-May-17	8.2000%
		01-Sep-17	8.1000%
		01-Dec-17	7.9000%
		01-Apr-18	8.0500%
		01-Jul-18	8.1000%
		01-Sep-18	8.2000%
		01-Feb-19	8.3000%
Central Bank of India-V		19.08.2013	10.2500%
		8-Jun-15	9.9500%
		8-Oct-15	9.7000%
		01-Aug-16	9.3500%
		01-Jan-17	8.3500%
		01-May-17	8.20%
		01-Sep-17	8.10%
		01-Dec-17	7.90%
		01-Apr-18	8.05%
		01-Jul-18	8.1000%
		01-Sep-18	8.2000%
		01-Feb-19	8.3000%
Corporation Bank-III		06.02.2013	10.2500%
		1-Jun-15	10.0000%
		24-Aug-15	9.9000%
		8-Oct-15	9.6500%
		12-Aug-16	9.5500%
		21-Dec-16	9.2000%

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		21-Mar-17	8.3000%
		01-May-17	8.2000%
		01-Sep-17	8.1000%
		01-Dec-17	7.9000%
		01-Apr-18	8.0000%
		25-Jun-18	8.1000%
		25-Sep-18	8.2000%
		25-Jan-19	8.2500%
		25-Mar-19	8.2000%
Corporation Bank-IV		11-Jan-19	8.2000%
		11-Feb-19	8.2500%
Dena Bank-I		09-Feb-13	10.2500%
		8-Jun-15	10.0000%
		5-Oct-15	9.7000%
		08-Nov-16	9.4000%
DENA BANK-II		09-Feb-13	10.2500%
		08-Jun-15	10.0000%
		05-Oct-15	9.7000%
		08-Nov-16	9.4000%
Dena Bank-III		21-Jul-14	10.2500%
		08-Jun-15	10.0000%
		05-Oct-15	9.7000%
		08-Nov-16	9.4000%
HDFC BANK LIMITED-II		2-Nov-13	10.4400%
		13-Apr-15	10.2900%
		15-Jun-15	10.1400%
		18-Aug-15	9.7000%
		01-Sep-15	9.3500%
		28-Dec-15	9.3000%
		01-Jul-16	9.1500%
		07-Jul-16	9.1000%
		14-Dec-16	8.9000%
		07-Jan-17	8.1500%
		07-Feb-17	7.9500%
		07-Feb-18	8.0000%
		01-Jul-18	8.1000%
		01-Oct-18	8.3000%
		01-Jan-19	8.4500%
HDFC BANK LIMITED-III		4-Dec-14	10.1400%
		13-Apr-15	9.9900%
		15-Jun-15	9.8400%
		18-Aug-15	9.7000%
		01-Sep-15	9.3500%
		28-Dec-15	9.3000%
		01-Jul-16	9.1500%
		07-Jul-16	9.1000%
		14-Dec-16	8.9000%
		07-Jan-17	8.1500%
		07-Feb-17	7.9500%
		07-Feb-18	8.0000%
		01-Jul-18	8.1000%
		01-Oct-18	8.3000%
		01-Jan-19	8.4500%
HDFC BANK LIMITED-IV		17-Apr-17	7.9000%
		17-Jan-18	7.8500%
		17-Apr-18	8.0000%
		17-Jul-18	8.1000%
		17-Oct-18	8.3500%
		17-Jan-19	8.4500%
HDFC BANK LIMITED-V		25-Sep-17	7.9000%
		25-Dec-17	7.8500%
		25-Mar-18	8.0000%
		25-Jun-18	8.1000%
		25-Sep-18	8.3000%
		25-Dec-18	8.4500%
HDFC BANK LIMITED-VI		26-Sep-18	8.3000%
		26-Dec-18	8.4500%
HUDCO-I		01-Apr-14	10.3000%
		07-May-15	10.0500%
		01-Oct-15	9.6500%
		01-Mar-17	8.4000%
		01-May-17	8.3000%
		01-Aug-17	8.2500%
		01-Nov-17	8.0500%
		01-Feb-18	8.0000%
		01-May-18	8.1500%
		01-Aug-18	8.2500%
		01-Nov-18	8.3000%

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ICICI-IV		16-Feb-16	9.3500%
		11-Jul-16	9.1500%
		01-Aug-16	9.1000%
		02-Dec-16	8.8000%
		02-Mar-17	7.9000%
		02-Dec-17	7.8500%
		02-Mar-18	8.0000%
		02-Jun-18	8.1000%
		02-Sep-18	8.3500%
		02-Dec-18	8.6000%
ICICI V		20-Dec-16	8.8000%
		20-Mar-17	7.9000%
		20-Dec-17	7.8500%
		20-Mar-18	8.0000%
		20-Jun-18	8.1000%
		20-Sep-18	8.3500%
		20-Dec-18	8.6000%
ICICI VI		11-Sep-17	7.90%
		11-Dec-17	7.85%
		11-Mar-18	8.00%
		11-Jun-18	8.10%
		11-Sep-18	8.35%
		11-Dec-18	8.60%
PNB-IV(ICICI downsale)		01-Jan-19	8.60%
		04-Feb-19	8.30%
IDFC Ltd-I		26.05.2011	10.0100%
		26-May-15	9.8000%
		01-Sep-16	9.40%
		01-Jan-17	8.70%
		01-Jul-17	8.05%
		01-Oct-17	8.00%
		01-Jan-18	7.90%
		01-Apr-18	8.05%
		01-May-18	8.00%
		01-Jun-18	8.20%
		01-Oct-18	8.40%
		01-Nov-18	8.50%
		01-Feb-19	8.65%
IDFC Ltd-II		30.06.2012	10.2700%
		30-Jun-14	9.8000%
		01-Sep-16	9.40%
		01-Jan-17	8.70%
		01-Jul-17	8.05%
		01-Oct-17	8.00%
		01-Jan-18	7.90%
		01-Apr-18	8.05%
		01-May-18	8.00%
		01-Jun-18	8.20%
		01-Oct-18	8.40%
		01-Nov-18	8.50%
		01-Feb-19	8.65%
IDFC Ltd-III		25.03.2014	10.1000%
		27.03.2014	10.1000%
		11.04.2014	10.0000%
		17.06.2014	9.8000%
		19.06.2014	9.8000%
		20.06.2014	9.8000%
		01-Sep-16	9.40%
		01-Jan-17	8.70%
		01-Jul-17	8.05%
		01-Oct-17	8.00%
		01-Jan-18	7.90%
		01-Apr-18	8.05%
		01-May-18	8.00%
		01-Jun-18	8.20%
		01-Oct-18	8.40%
		01-Nov-18	8.50%
		01-Feb-19	8.65%
IDFC Ltd-IV		12-Feb-18	7.80%
		12-Mar-18	8.05%
		12-Apr-18	8.00%
		12-May-18	8.20%
		12-Sep-18	8.40%
		12-Oct-18	8.50%
		12-Jan-19	8.65%
		12-Feb-19	8.60%
Indian Bank-II		01-Apr-14	10.2500%
		08-Jun-15	9.9500%
		07-Oct-15	9.6500%
		20-Dec-16	9.2500%

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		20-Mar-17	8.4500%
		20-Apr-17	8.2000%
		20-Sep-17	8.0500%
		20-Feb-18	7.9000%
		20-Apr-18	8.0000%
		20-Jun-18	8.1000%
		20-Jul-18	8.1500%
		20-Nov-18	8.3000%
		20-Dec-18	8.3500%
		20-Mar-19	8.2500%
Indian Bank-III		01-Apr-14	10.2500%
		08-Jun-15	9.9500%
		07-Oct-15	9.6500%
		20-Dec-16	9.2500%
		20-Mar-17	8.4500%
		20-Apr-17	8.20%
		20-Sep-17	8.05%
		20-Feb-18	7.90%
		20-Apr-18	8.00%
		20-Jun-18	8.10%
		20-Jul-18	8.15%
		20-Nov-18	8.30%
		20-Dec-18	8.35%
		20-Mar-19	8.25%
IOB-III		18-Feb-13	10.2500%
		18-May-15	10.0500%
		20-Jul-15	9.9000%
		01-Apr-16	9.7000%
IOB-V		11-Dec-14	10.2500%
		18-May-15	10.0500%
		20-Jul-15	9.9000%
		01-Apr-16	9.7000%
Jammu & Kashmir Bank Ltd-III		15.02.2013	10.2500%
		1-Jul-15	9.8500%
		5-Oct-15	9.5000%
		05-Sep-16	9.4000%
		18-Dec-16	8.9000%
		10-Jan-17	8.2500%
		10-Feb-17	8.1000%
		13-May-17	8.1500%
		13-Jun-17	8.0000%
		13-Oct-17	7.9000%
		13-Mar-18	8.0500%
		13-May-18	8.1500%
		13-Sep-18	8.2000%
		13-Nov-18	8.2500%
		13-Dec-18	8.30%
Jammu & Kashmir Bank Ltd-IV		31-Mar-17	7.85%
		01-Jul-17	7.65%
		01-Oct-17	7.80%
		01-Jan-18	7.90%
		01-Apr-18	8.05%
		01-Jun-18	8.15%
		01-Oct-18	8.20%
		01-Dec-18	8.25%
		01-Jan-19	8.30%
Karnataka Bank Ltd-I		10.11.2012	10.7500%
		1-Jun-15	10.5000%
		5-Oct-15	10.2500%
Karnataka Bank Ltd-II		28-Mar-17	7.7000%
		28-Jun-18	7.9500%
		28-Sep-18	8.4800%
		28-Feb-18	8.3500%
		28-Mar-19	7.9600%
Oriental Bank of Commerce-I		25.02.2013	10.2500%
		15-Jun-15	10.0000%
		17-Aug-15	9.9000%
		1-Oct-15	9.7000%
		01-Jul-16	9.6500%
		01-Aug-16	9.5500%
		01-Nov-16	9.4000%
		01-Feb-17	8.6000%
Oriental Bank of Commerce-II		25.02.2013	10.2500%
		15-Jun-15	10.0000%
		17-Aug-15	9.9000%
		1-Oct-15	9.7000%
		01-Jul-16	9.6500%
		01-Aug-16	9.5500%
		01-Nov-16	9.4000%
		01-Feb-17	8.6000%
Oriental Bank of Commerce-III		11.12.2014	10.2500%
		15-Jun-15	10.0000%
		17-Aug-15	9.9000%
		1-Oct-15	9.7000%

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Exhibit

		01-Jul-16	9.6500%
		01-Aug-16	9.5500%
		01-Nov-16	9.4000%
		01-Feb-17	8.6000%
Punjab & Sind Bank-I		01.03.2013	10.2500%
		3-Jun-15	10.0000%
		5-Oct-15	9.7500%
		01-Aug-16	9.6000%
Punjab & Sind Bank-II		28.03.2013	10.2500%
		3-Jun-15	10.0000%
		5-Oct-15	9.7500%
		01-Aug-16	9.6000%
Punjab National Bank-I		27.09.2013	10.2500%
		7-May-15	10.0000%
		1-Oct-16	9.6000%
Punjab National Bank-III		1-Feb-18	7.80%
		1-May-18	7.95%
		1-Aug-18	8.05%
		1-Nov-18	8.30%
South Indian Bank-II		01.08.2011	12.4000%
		1-May-15	12.1000%
		11-Nov-15	11.9000%
SBBJ-II		14.03.2014	10.2500%
		6-May-15	10.1000%
		18-Jun-15	9.9500%
		5-Oct-15	9.7000%
		01-Sep-16	9.5500%
		01-Feb-17	8.4000%
		01-May-17	7.9000%
		14-Nov-17	7.8500%
		14-Aug-18	7.9500%
		14-Nov-18	8.2000%
		14-Feb-19	8.2500%
State Bank of Hyderabad-II		11.02.2013	10.2000%
		1-May-15	10.0500%
		16-Jul-15	9.9500%
		6-Oct-15	9.7500%
		01-Sep-16	9.6000%
State Bank of Hyderabad-III		01.02.2014	10.2000%
		1-May-15	10.0500%
		16-Jul-15	9.9500%
		6-Oct-15	9.7500%
		01-Sep-16	9.6000%
State Bank of India-IV		07-11-2013	11.0000%
		10-Apr-15	10.8500%
		08-Jun-15	10.7000%
		04-Aug-15	9.7000%
		05-Oct-15	9.3000%
		01-Aug-16	9.1000%
		14-Feb-17	8.3000%
SBI-V		07-Nov-13	11.0000%
		10-Apr-15	10.8500%
		08-Jun-15	10.7000%
		04-Aug-15	9.7000%
		05-Oct-15	9.3000%
		01-Aug-16	9.1000%
		14-Feb-17	8.3000%
		14-Aug-17	7.9000%
		14-Nov-17	7.8500%
SBI-VI		07-Nov-13	11.0000%
		10-Apr-15	10.8500%
		08-Jun-15	10.7000%
		04-Aug-15	9.7000%
		05-Oct-15	9.3000%
		01-Aug-16	9.1000%
		14-Feb-17	8.3000%
		14-Aug-17	7.9000%
		14-Nov-17	7.8500%
		14-Aug-18	7.9500%
		14-Nov-18	8.2000%
		14-Feb-19	8.2500%
State Bank of India-VII		07-Nov-13	10.2500%
		10-Apr-15	10.1000%
		08-Jun-15	9.9500%
		04-Aug-15	9.7000%
		05-Oct-15	9.3000%
		01-Aug-16	9.1000%
		14-Feb-17	8.3000%
		14-Aug-17	7.9000%
		14-Nov-17	7.8500%

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		14-Aug-18	7.9500%
		14-Nov-18	8.2000%
		14-Feb-19	8.2500%
State Bank of India-VIII		30-Jan-15	10.1500%
		10-Apr-15	10.0000%
		08-Jun-15	9.8500%
		04-Aug-15	9.7000%
		05-Oct-15	9.3000%
		01-Aug-16	9.1000%
		14-Feb-17	8.3000%
		14-Aug-17	7.9000%
		14-Nov-17	7.8500%
		14-Aug-18	7.9500%
		14-Nov-18	8.2000%
		14-Feb-19	8.2500%
State Bank of India-IX		17-Apr-17	7.90%
		14-Nov-17	7.85%
		14-Aug-18	7.95%
		14-Nov-18	8.20%
		14-Feb-19	8.25%
State Bank of India-X		25-Sep-17	7.90%
		25-Dec-17	7.85%
		25-Jun-18	7.95%
		25-Sep-18	8.15%
		25-Dec-18	8.25%
State Bank of India-XI		11-Oct-18	8.3000%
		11-Jan-19	8.3500%
State Bank of India-XII		11-Feb-19	8.35%
SBI VIII Drawl 14.02.2017 (1150 Cr)		14-Feb-17	8.0000%
State Bank of Mysore II		21-Jun-14	10.25%
		01-May-15	10.00%
		21-Sep-15	9.90%
		07-Oct-15	9.65%
		01-Aug-16	9.50%
Syndicate Bank II		13.02.2013	10.2500%
		8-Jun-15	10.0000%
		01-Oct-15	9.7000%
		11-Jul-16	9.6000%
		1-Aug-16	9.5500%
		17-Dec-16	9.3500%
		17-Mar-17	8.4000%
		17-Sep-17	8.1000%
		17-Dec-17	8.0500%
		17-Jun-18	8.1000%
		17-Sep-18	8.4000%
		17-Dec-18	8.5500%
		17-Mar-19	8.4500%
Syndicate bank III		13-Feb-13	10.2500%
		8-Jun-15	10.0000%
		01-Oct-15	9.7000%
		11-Jul-16	9.6000%
		1-Aug-16	9.5500%
		17-Dec-16	9.3500%
		17-Mar-17	8.4000%
		17-Sep-17	8.1000%
		17-Dec-17	8.0500%
		17-Jun-18	8.1000%
		17-Sep-18	8.4000%
		17-Dec-18	8.5500%
		17-Mar-19	8.4500%
Syndicate bank IV		5.12.2014	10.2500%
		8-Jun-15	10.0000%
		01-Oct-15	9.7000%
		11-Jul-16	9.6000%
		1-Aug-16	9.5500%
		17-Dec-16	9.3500%
		17-Mar-17	8.4000%
		17-Sep-17	8.1000%
		17-Dec-17	8.0500%
		17-Jun-18	8.1000%
		17-Sep-18	8.4000%
		17-Dec-18	8.5500%
		17-Mar-19	8.4500%

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Exms

Tamilnad Mercantile Bank Ltd		11.02.2013	10.7500%
		1-Jun-15	10.6000%
		15-Oct-15	10.4000%
The Karur Vysya Bank,III (Merged)		20.08.2013	11.0000%
		23-Jan-15	10.7500%
		5-Oct-15	10.4000%
UCO Bank-II		11.02.2013	10.2000%
		01.05.2015	9.9500%
		05.10.2015	9.7000%
		15-Sep-16	9.3500%
		15-Dec-16	9.2000%
Union Bank of India-II		06-09-2013	10.2500%
		27-01-2015	10.0000%
		05-10-2015	9.6500%
		30-06-2016	9.6000%
		21-09-2016	9.4000%
		01-Jan-17	8.4000%
		01-Jul-17	8.1500%
		01-Oct-17	7.9500%
		01-Apr-18	8.1000%
		01-Jul-18	8.2000%
		01-Oct-18	8.4500%
		01-Jan-19	8.5000%
United Bank of India-II		25.02.2013	10.2500%
		13.02.2014	10.5000%
		24-Mar-14	10.2500%
		01-Feb-15	10.0000%
		19-Jun-15	9.9000%
		12-Oct-15	9.6500%
		23-Sep-16	9.4500%
		06-Jan-17	8.4500%
		06-Apr-17	8.3500%
		06-Jun-17	8.2500%
		06-Nov-17	7.9500%
		06-May-18	8.1000%
		06-Jun-18	8.2500%
		06-Jul-18	8.3500%
		06-Oct-18	8.4000%
UNITED BANK OF INDIA-III		25-Feb-13	10.2500%
		13-Feb-14	10.5000%
		24-Mar-14	10.2500%
		01-Feb-15	10.0000%
		19-Jun-15	9.9000%
		12-Oct-15	9.6500%
		23-Sep-16	9.4500%
		06-Jan-17	8.4500%
		06-Apr-17	8.3500%
		06-Jun-17	8.2500%
		06-Nov-17	7.9500%
		06-May-18	8.1000%
		06-Jun-18	8.2500%
		06-Jul-18	8.3500%
		06-Oct-18	8.4000%
UNITED BANK OF INDIA-IV		25-Feb-13	10.2500%
		13-Feb-14	10.5000%
		24-Mar-14	10.2500%
		01-Feb-15	10.0000%
		19-Jun-15	9.9000%
		12-Oct-15	9.6500%
		23-Sep-16	9.4500%
		06-Jan-17	8.4500%
		06-Apr-17	8.3500%
		06-Jun-17	8.2500%
		06-Nov-17	7.9500%
		06-May-18	8.1000%
		06-Jun-18	8.2500%
		06-Jul-18	8.3500%
		06-Oct-18	8.4000%
Vijaya Bank-II		26.02.2013	10.2000%
		07.04.2014	10.2500%
		01.06.2015	10.0000%
		04.09.2015	9.8500%
		08.10.2015	9.6500%
		01-Aug-16	9.4500%
		13-Feb-17	8.4000%
Vijaya Bank,III		05.02.2013	10.2000%
		07.04.2014	10.2500%
		01.06.2015	10.0000%
		04.09.2015	9.8500%
		08.10.2015	9.6500%
		01-Aug-16	9.4500%
		13-Feb-17	8.4000%
		13-Aug-17	8.1000%
		13-Oct-17	7.9000%

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Vijaya Bank-IV (T-1)	15-Sep-10	8.50%
	01-Oct-10	8.75%
	14-Dec-10	9.25%
	01-Feb-11	9.75%
	06-May-11	10.25%
	01-Jul-11	10.50%
	01-Aug-11	10.90%
	01-May-12	10.70%
	25-Sep-12	10.45%
	01-Aug-16	9.45%
	13-Feb-17	8.40%
Vijaya Bank-IV (T-2)	21-May-11	10.00%
	01-Jul-11	10.25%
	01-Aug-11	10.65%
	01-May-12	10.45%
	01-Aug-16	9.45%
	13-Feb-17	8.40%
Vijaya Bank-IV (Merged)	05.02.2013	10.2000%
	07.04.2014	10.2500%
	01.06.2015	10.0000%
	04.09.2015	9.8500%
	08.10.2015	9.6500%
	01-Aug-16	9.4500%
	13-Feb-17	8.4000%
	13-Aug-17	8.1000%
	13-Oct-17	7.9000%
	13-Aug-18	8.1000%
	13-Sep-18	8.1500%
	13-Oct-18	8.2000%
	13-Nov-18	8.2500%
	13-Jan-19	8.3500%
	13-Feb-19	8.4000%

Vijaya Bank-V	05.02.2013	10.2000%
	07.04.2014	10.2500%
	01.06.2015	10.0000%
	04.09.2015	9.8500%
	08.10.2015	9.6500%
	01-Aug-16	9.4500%
	13-Feb-17	8.4000%
	13-Aug-17	8.1000%
	13-Oct-17	7.9000%
	13-Aug-18	8.1000%
	13-Sep-18	8.1500%
	13-Oct-18	8.2000%
	13-Nov-18	8.2500%
	13-Jan-19	8.3500%
	13-Feb-19	8.4000%
Vijaya Bank-VI	14-Mar-14	10.2000%
	07-Apr-14	10.2500%
	01-Jun-15	10.0000%
	04-Sep-15	9.8500%
	08-Oct-15	9.6500%
	01-Aug-16	9.4500%
	13-Feb-17	8.4000%
	13-Aug-17	8.1000%
	13-Oct-17	7.9000%
	13-Aug-18	8.1000%
	13-Sep-18	8.1500%
	13-Oct-18	8.2000%
	13-Nov-18	8.2500%
	13-Jan-19	8.3500%
	13-Feb-19	8.4000%

PNB-IV(ICICI downsale)	01-Jan-19	8.6000%
	04-Feb-19	8.3000%

Corporation Bank-IV	11-Jan-19	8.200%
	11-Feb-19	8.250%

PNB III	1-Aug-18	8.05%
	1-Nov-18	8.30%

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FORM-15

Details/Information to be submitted in respect of Fuel for Computation of Energy Charges

Name of the Company:-

Name of Power Station:-

NTPC Ltd.,

Kudgi Super Thermal Power Station Stage-I

S.No.	Particulars	Unit	Oct'18			Nov'18			Dec'18			
			Domestic Coal		Imported Coal	Domestic Coal		Imported Coal	Domestic Coal		Imported Coal	
			Supplied by MGR	Supplied by Rail		E-Auction coal	(iv)		Supplied by MGR	Supplied by Rail		E-Auction coal
(i)	(ii)	(iii)	(iv)	(i)	(ii)	(iii)	(iv)	(i)	(ii)	(iii)	(iv)	
1	Quantity of coal supplied by the coal Company inclusive of opening stock of coal	(MT)	-	341043.17	-	-	-	390001.39	-	488585.88	-	-
2	Adjustment (+/-) in quantity supplied by the coal Company	(MT)	-	-	-	-	-	-	-	-	-	-
3	Coal supplied by the Coal Company inclusive of opening stock of coal (1+2)	(MT)	-	341043.17	-	-	-	390001.39	-	488585.88	-	-
4	Normative transit & handling losses (for coal based projects)	(MT)	-	2635.87	-	-	-	3104.74	-	3841.61	-	-
5	Net coal supplied inclusive of opening stock of coal (3-4)	(MT)	-	338407.29	-	-	-	386896.64	-	484744.27	-	-
6	Amount charged by the coal company inclusive of value of opening stock of coal	(Rs.)	-	1196177610	-	-	-	1157495463	-	1804269133	-	-
7	Adjustment (+/-) in amount charged by the coal Company	(Rs.)	-	-	-	-	-	0	-	0	-	-
8	Total amount charged inclusive of opening stock of coal (6+7)	(Rs.)	-	1196177610	-	-	-	1157495463	-	1804269133	-	-
9	Transportation charges by Rail / Ship / Road Transport	(Rs.)	-	713295695	-	-	-	957938469	-	1148451505	-	-
10	Adjustment (+/-) in amount charged by Railways / transport Company	(Rs.)	-	-	-	-	-	0	-	0	-	-
11	Demurrage charges, if any	(Rs.)	-	-	-	-	-	-	-	-	-	-
12	Cost of diesel in transporting coal through MGR system	(Rs.)	-	-	-	-	-	1221216	-	0	-	-
13	Total Transportation Charges (9+10-11+12)	(Rs.)	-	713295695	-	-	-	956717253	-	1148451505	-	-
13A	Others (Stone picking charges, Loco driver's salary, Sampling Charges etc)	(Rs.)	-	3046762	-	-	-	-13444133	-	83655027	-	-
14	Total amount charged for coal supplied including transportation (8+13+13A)	(Rs.)	-	1912520666	-	-	-	2100766583	-	3036375665	-	-
15	Landed cost of coal	(Rs./MT)	5651.53	-	-	-	-	5429.79	6263.87	-	-	-
16	Blending ratio		-	100.00	-	-	-	100.00	-	100.00	-	-
17	Weighted average cost of coal	(Rs./MT)	-	5651.53	-	-	-	5429.79	6263.87	-	-	-
18	GCV of Domestic Coal as per bill of Coal Company, EM basis	(kCal/Kg)	-	4579.00	-	-	-	-	-	-	-	-
19	GCV of Imported Coal as per bill of Coal Company, AD basis	(kCal/Kg)	-	-	-	-	-	-	-	-	-	-
20	Weighted average GCV of coal as billed	(kCal/Kg)	-	4579.00	-	-	-	4579.00	-	4579.00	-	-
21	GCV of Domestic Coal as received at Station, TM Basis	(kCal/Kg)	-	3424.00	-	-	-	3860.00	-	3842.00	-	-
22	GCV of Imported Coal as received at Station, TM Basis	(kCal/Kg)	-	-	-	-	-	-	-	-	-	-
23	Weighted average GCV of coal as received at station	(kCal/Kg)	-	3424.00	-	-	-	3860.00	3842.00	-	-	-

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Details/Information to be submitted in respect of Fuel for Computation of Energy Charges

Name of the Company:- NTPC Ltd.
 Name of Power Station:- Kudgi STPS Stage-I (3X800 MW)

S.No.	Particulars	Unit	LDO	HSD	LDO	HSD	LDO	HSD	LDO
			Oct'18		Nov'18		Nov'18		Dec'18
1	Quantity of oil supplied by the oil Company inclusive of opening stock of oil	(MT)	2672.030	-	5007.986	-	5007.986	-	3986.486
2	Adjustment (+/-) in quantity supplied by the oil Company	(MT)	-	-	-	-	-	-	-
3	Oil supplied by the oil Company inclusive of opening stock of oil (1+2)	(MT)	2672.030	-	5007.986	-	5007.986	-	3986.486
4	Normative transit & handling losses	(MT)	-	-	-	-	-	-	-
5	Net oil supplied inclusive of opening stock of oil (3-4)	(MT)	2672.030	-	5007.986	-	5007.986	-	3986.486
6	Amount charged by the oil company inclusive of value of opening stock of oil	(Rs.)	134570633	-	289902047	-	289902047	-	230769505
7	Adjustment (+/-) in amount charged by the oil Company	(Rs.)	-	-	-	-	-	-	-
8	Total amount charged inclusive of opening stock of oil (6+7)	(Rs.)	134570633	-	289902047	-	289902047	-	230769505
9	Transportation charges by Rail / Ship / Road Transport	(Rs.)	-	-	-	-	-	-	-
10	Adjustment (+/-) in amount charged by Railways / transport Company	(Rs.)	-	-	-	-	-	-	-
11	Demurrage charges, if any	(Rs.)	-	-	-	-	-	-	-
12	Cost of diesel in transporting oil through MGR system	(Rs.)	-	-	-	-	-	-	-
13	Total Transportation Charges (9+/-10-11+12)	(Rs.)	-	-	-	-	-	-	-
14	Total amount charged for oil supplied including transportation (8+13)	(Rs.)	134570633	-	289902047	-	289902047	-	230769505
15	Landed cost of oil	(Rs./KL)	50362.695	-	57887.95	-	57887.95	-	57887.950
16	Blending ratio		100.00	-	100.00	-	100.00	-	100.00
17	Weighted average cost of oil	(Rs./KL)	50362.70	-	57887.95	-	57887.95	-	57887.95
21	Weighted average GCV of HFO as received at Station	(Kcal/L)	9189	-	9257	-	9257	-	9257
22	Weighted average GCV of HSD as received at station	(Kcal/L)	-	-	-	-	-	-	-
23	Weighted average GCV of oil as received at station (on consumption basis of GCVs from SI No. 21 and SI No.22 above)	(Kcal/Kg)	9189	-	9257	-	9257	-	9257

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Name of the Petitioner
Name of the Generating Station

NTPC Ltd
Kudgi STPS Stage-I (3X800 MW)

Statement of Capital cost
(To be given for relevant dates and year wise)

(Amount in Rs. Lakh)

S. No.	Particulars	As on relevant date		
		Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening Gross Block Amount as per books	1496141.69	75679.56	
	b) Amount of IDC in A(a) above			
	c) Amount of FC in A(a) above			
	d) Amount of FERV in A(a) above	42352.60		
	e) Amount of Hedging Cost in A(a) above			
	f) Amount of IEDC in A(a) above			
B	a) Addition in Gross Block Amount during			
	b) Amount of IDC in B(a) above			
	c) Amount of FC in B(a) above			
	d) Amount of FERV in B(a) above			
	e) Amount of Hedging Cost in B(a) above			
	f) Amount of IEDC in B(a) above			
C	a) Addition in Gross Block Amount during			
	b) Amount of IDC in C(a) above			
	c) Amount of FC in C(a) above			
	d) Amount of FERV in C(a) above			
	e) Amount of Hedging Cost in C(a) above			
	f) Amount of IEDC in C(a) above			
D	a) Deletion in Gross Block Amount during			
	b) Amount of IDC in D(a) above			
	c) Amount of FC in D(a) above			
	d) Amount of FERV in D(a) above			
	e) Amount of Hedging Cost in D(a) above			
	f) Amount of IEDC in D(a) above			
E	a) Closing Gross Block Amount as per books			
	b) Amount of IDC in E(a) above			
	c) Amount of FC in E(a) above			
	d) Amount of FERV in E(a) above			
	e) Amount of Hedging Cost in E(a) above			
	f) Amount of IEDC in E(a) above			

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(Petitioner)

Statement of Additional Capitalisation during five year before the end of useful life of the Project

Name of the Company : NTPC Limited
 Name of the Power Station : Kudgi STPS Stage-I (3X800 MW)
 COD : 15-09-2018

S. No.	Year	Work / Equipment added during last five years of useful life of each Unit/Station	ACE Claimed (Actual / Projected)				Regulations under which claimed	Justification	Impact on life extension
			Accrual basis	Un-discharged Liability included in col. 4	Cash basis	IDC included in col. 4			
1	2	3	4	5	(6 = 4 - 5)	7	8	9	10

(Amount in Rs. Lakh)

NA

Note:

1. Cost Benefit analysis for capital additions done should be submitted along with petition for approval of such schemes
2. Justification for additional capital expenditure claim for each asset should be relevant to regulations under which claim has been made and the necessity of capitalization of the asset.

(Petitioner)

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Name of the Petitioner
Name of the Generating Station

NTPC Ltd
Kudgi STPS Stage-I (3X800 MW)

Statement of Capital Woks in Progress

(To be given for relevant dates and year wise)

(Amount in Rs. Lakh)

S. No.	Particulars	As on 01.04.2019		
		Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening CWIP as per books	34718.82		
	b) Amount of IDC in A(a) above			
	c) Amount of FC in A(a) above			
	d) Amount of FERV in A(a) above			
	e) Amount of Hedging Cost in A(a) above			
	f) Amount of IEDC in A(a) above			
B	a) Addition in CWIP during the period			
	b) Amount of IDC in B(a) above			
	c) Amount of FC in B(a) above			
	d) Amount of FERV in B(a) above			
	e) Amount of Hedging Cost in B(a) above			
	f) Amount of IEDC in B(a) above			
C	a) Transferred to Gross Block Amount during the period			
	b) Amount of IDC in C(a) above			
	c) Amount of FC in C(a) above			
	d) Amount of FERV in C(a) above			
	e) Amount of Hedging Cost in C(a) above			
	f) Amount of IEDC in C(a) above			
D	a) Deletion in CWIP during the period			
	b) Amount of IDC in D(a) above			
	c) Amount of FC in D(a) above			
	d) Amount of FERV in D(a) above			
	e) Amount of Hedging Cost in D(a) above			
	f) Amount of IEDC in D(a) above			
E	a) Closing CWIP as per books			
	b) Amount of IDC in E(a) above			
	c) Amount of FC in E(a) above			
	d) Amount of FERV in E(a) above			
	e) Amount of Hedging Cost in E(a) above			
	f) Amount of IEDC in E(a) above			

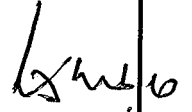
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(Petitioner)

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Calculation of Interest on Normative Loan

Name of the Company :		NTPC Limited							
Name of the Power Station :		Kudgi STPS Stage-I (3X800 MW)							
S. No.	Particulars	Existing	2019-20	2020-21	2021-22	2022-23	2023-24	(Amount in Rs Lakh)	
		2018-19	4	5	6	7	8		
1	2	3							
1	Gross Normative loan – Opening	9,28,815.76	9,74,660.83	10,05,988.58	10,41,507.28	10,44,727.28	10,44,727.28		
2	Cumulative repayment of Normative loan up to previous year	47,141.30	84,571.14	1,55,959.27	2,29,756.72	3,04,950.43	3,80,260.19		
3	Net Normative loan – Opening	8,81,674.48	8,90,089.69	8,50,029.32	8,11,750.56	7,39,776.85	6,64,467.09		
4	Add: Increase due to addition during the year / period	45845.07	31,327.80	35,518.70	3,220.00	-	-		
5	Less: Decrease due to de-capitalisation during the year / period	159.94	0.00	0.00	0.00	0.00	0.00		
6	Less: Decrease due to reversal during the year / period								
7	Add: Increase due to discharges during the year / period	0.00	0.00	0.00	0.00	0.00	0.00		
8	Less: Repayment of Loan	37269.91	71388.12	73797.46	75193.71	75309.76	75309.76		
9	Net Normative loan - Closing	8,90,409.53	8,50,029.37	8,11,750.56	7,39,776.85	6,64,467.09	5,89,157.33		
10	Average Normative loan	8,86,042.00	8,70,059.53	8,30,889.94	7,75,763.71	7,02,121.97	6,26,812.21		
11	Weighted average rate of interest	6.4910%	6.6179%	6.6239%	6.6112%	6.5598%	6.3904%		
12	Interest on Loan	57512.99	57579.93	55037.14	51287.19	46057.62	40056.08		



(Petitioner)

PART-I

**PART 1
FORM- O**

Calculation of Interest on Working Capital

Name of the Company :	NTPC Limited							
Name of the Power Station :	Kudgi STPS Stage-I (3X800 MW)							

S. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
1	Cost of Coal/Lignite	1,05,460.48	87918.67	87918.67	87918.67	87918.67	87918.67
2	Cost of Main Secondary Fuel Oil	695.50	838.69	836.40	836.40	836.40	838.69
3	Fuel Cost						
4	Liquid Fuel Stock						
5	O & M Expenses	4,266.57	4454.50	4599.58	4752.33	4904.33	5063.67
6	Maintenance Spares	10,239.76	10690.80	11039.00	11405.60	11770.40	12152.80
7	Receivables	1,56,252.52	115221.99	115865.93	116003.72	115616.06	115014.38
8	Total Working Capital	276914.83	219124.66	220259.58	220916.72	221045.86	220988.21
9	Rate of Interest	12.2000	12.0500	12.0500	12.0500	12.0500	12.0500
10	Interest on Working Capital	33783.61	26404.52	26541.28	26620.47	26636.03	26629.08

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LIABILITY FLOW STATEMENT

Tariff Line	Vendor Name	117292.37,813.59	47851,85,272.45	1898,36,471.50	8137,39,485.37	75679,55,555.01
		As on 14.09.2018	15/09/2018 - 31/03/2019	15/09/2018 - 31/03/2019	15/09/2018 - 31/03/2019	As on 31.03.2019
		Opening balance	Discharge	Reversal	Liabilities pertaining to Additional Capitalization	Undischarged Liabilities
Air Condition & Ventilation System	ETA ENGINEERING PVT LTD	229,16,874.00	-	2,490.00	-	229,14,384.00
Ash disposal areadevelopment	Aakar Engineers & Contractors	1,73,847.00	1,73,887.00	-	15,95,293.00	15,95,253.00
Ash disposal areadevelopment	SUNIL HI TECH ENGINEERS LTD	582,86,780.47	148,87,639.47	-	403,98,450.00	837,97,591.00
Ash Handling System	ABLE AIR-O-TECHNOLOGY	2,35,410.00	2,27,810.00	-	-	7,600.00
Ash Handling System	MAHALAXMI ENGINEERING	7,540.00	7,540.00	-	-	-
Ash Handling System	MCNALLY BHARAT ENGG COMPANY	8,35,584.00	8,32,320.00	-	-	-
Ash Handling System	Mcally Bharat Engineering	2187,36,847.41	52,81,559.82	-	-	3,264.00
Ash Handling System	NATRAJ IRON & CASTINGS PVT LTD	5,05,089.00	5,05,089.00	-	2,05,590.00	2136,60,777.59
Ash Handling System	P S ENTERPRISE	9,62,961.60	9,32,271.60	-	-	-
Ash Handling System	RAMESH ELECTRICALS	13,75,020.00	12,42,698.93	-	-	30,690.00
Ash Handling System	ROSHNI ENTERPRISES	15,41,157.00	-	-	-	1,32,321.07
Ash Handling System	SHEKAPPA SANGAPPA GARASANGI	31,855.00	-	-	-	15,41,157.00
Ash Handling System	ULTRA ELECTRIC COMPANY INDIA PVTLTD	94,467.00	-	-	-	31,855.00
Capital Spares	Mcally Bharat Engineering	20,24,520.00	20,24,520.00	-	-	94,467.00
PreliminaryInvestigation &Site Development	Prasad & Company (Projects Works)	93,55,426.00	-	-	-	-
Cables, Cable facilities & grounding	PARAMOUNT CONDUCTORS LTD	90,000.00	21,22,825.00	-	-	72,32,601.00
Coal Handling Plant	AJMERA ELECTROTECH LLP	61,344.00	61,344.00	-	51,33,000.00	52,23,000.00
Coal Handling Plant	AMIT ENGG WORKS PVT LTD	8,44,630.23	1,15,518.04	0.74	10,57,179.00	10,57,179.00
Coal Handling Plant	ARVEE HYDRO CONTROLS	9,676.00	9,676.00	-	4,48,834.00	11,77,945.45
Coal Handling Plant	ARYAN CONSTRUCTION	1,57,316.71	-	-	-	-
Coal Handling Plant	ASSOCIATED ROAD CARRIERS LTD	5,000.00	-	-	-	1,57,316.71
Coal Handling Plant	BELCOSYS INFRA TECH PVT LTD	1,43,921.00	74,659.00	-	-	5,000.00
Coal Handling Plant	BHARAT BUILDERS	30,87,735.59	3,23,225.00	-	43,31,117.82	44,00,379.82
Coal Handling Plant	COMPUTER CARE	5,202.00	5,202.00	-	10,29,487.21	37,93,997.80
Coal Handling Plant	CONTINENTAL PROFILES LIMITED	1,48,947.00	-	-	-	-
Coal Handling Plant	DEMSECC ENGINEERS	15,500.00	15,500.00	-	-	1,48,947.00
Coal Handling Plant	EDAC ENGINEERING LTD	16,74,812.60	3,74,947.00	-	-	-
Coal Handling Plant	Electro Zavod India Pvt Ltd	1,54,000.00	1,54,000.00	-	20,58,866.40	33,58,732.00
Coal Handling Plant	ELEKTROMAG METHODS	975.00	-	-	-	-
Coal Handling Plant	ENERGO ENGINEERING PROJECTS LTD	2322,75,383.47	65,22,640.09	-	-	975.00
Coal Handling Plant	F HARLEY & CO PVT LTD	23,19,436.00	-	-	-	2257,52,743.38
Coal Handling Plant	GAMZEN PLAST PVT LTD	18,37,960.00	-	-	-	23,19,436.00
Coal Handling Plant	GIRI CONSTRUCTION	5,37,836.40	43,981.25	-	-	18,37,960.00
Coal Handling Plant	GOLDEN ENGINEERING INDUSTRIES	1,93,000.00	-	-	-	4,93,855.15
Coal Handling Plant	GUNA ENGINEERING PVT LTD	20,05,653.22	7,65,859.22	-	-	1,93,000.00
Coal Handling Plant	HYDROCRAFT ENGINEERS	93,322.52	72.52	-	16,49,550.70	28,89,344.70
Coal Handling Plant	I & B ENGINEERS PVT LTD	28,61,152.29	27,78,835.49	-	10,11,700.00	11,04,950.00
Capital Spares	Indiana Conveyors Pvt Ltd	6,25,250.00	-	-	-	82,316.80
Coal Handling Plant	KANISHKA BEARING ENTERPRISES	2,52,909.92	1,88,368.92	-	-	6,25,250.00
Coal Handling Plant	LAXMI HYDRAULICS PVT LTD	26,604.00	-	-	-	64,541.00
Coal Handling Plant	MADHU CONSTRUCTION	11,50,527.46	11,50,527.46	-	-	26,604.00
Coal Handling Plant	MAHIBOOB SAIYADSAB SHEKH	4,37,720.33	3,45,978.33	-	-	-
Coal Handling Plant	MANITOU EQUIPMENT INDIA pvt ltd	3,86,220.00	-	-	1,37,308.00	2,29,050.00
Coal Handling Plant	MASTER HEAVY LIFTERS & POWERS	4,47,136.44	1,25,695.00	1.44	-	3,86,220.00
Coal Handling Plant	NEW ALLENBERRY WORKS	12,48,150.00	7,41,584.00	-	-	3,21,440.00
Coal Handling Plant	NEWALL INDUSTRIES	2,82,972.00	-	-	-	5,06,566.00
Coal Handling Plant	NTPC	1.40	1.40	-	-	2,82,972.00
Coal Handling Plant	NTPC BHEL POWER PROJECT PVT LTD	3,05,684.00	27,113.00	-	15,99,721.00	18,78,292.00
Coal Handling Plant	OLIVETT ENGINEERS	10,74,869.00	2,79,555.00	-	-	10,74,300.00
Coal Handling Plant	ORIENTAL RUBBER INDUSTRIES	16,60,009.00	-	-	2,78,986.00	16,60,009.00
Coal Handling Plant	POLYCAB WIRES PVT LTD	481,81,236.54	-	347,95,477.00	-	133,85,759.54
Capital Spares	POLYCAB WIRES PVT LTD	47,05,036.46	-	-	-	47,05,036.46
Coal Handling Plant	POWER MECH PROJECTS LTD	97,018.00	-	-	-	97,018.00
Coal Handling Plant	POWERTECH SWITCHGEAR (I) PVT LTD	8,96,000.00	7,21,000.00	70,000.00	-	1,05,000.00
Coal Handling Plant	R A ENTERPRISE	2,81,777.00	68,372.00	-	-	2,13,405.00
Coal Handling Plant	RAM CONSTRUCTION	94,215.00	-	-	-	94,215.00
Coal Handling Plant	RAMPUR ENGINEERING CO LTD	85,387.00	-	-	-	85,387.00
Coal Handling Plant	RCP INFRAPROJECTS PRIVATE LIMITED	1,00,000.00	-	-	-	1,00,000.00
Coal Handling Plant	ROSHNI ENTERPRISES	43,151.00	43,151.00	-	5,98,040.43	5,98,040.43
Coal Handling Plant	S.P.ENTERPRISES	1,08,000.00	-	-	-	-
Coal Handling Plant	SAMALESWARI TRADERS	29,175.17	-	-	-	29,175.17
Coal Handling Plant	SANDVIK ASIA PVT LTD	55,40,000.00	-	-	-	55,40,000.00
Coal Handling Plant	SHARP ENGINEERING	5,900.00	-	-	-	5,900.00
Coal Handling Plant	SHIVALIK TECHNOCRATS	9,53,843.77	7,67,405.50	0.27	13,14,195.50	15,00,633.50
Coal Handling Plant	SHREE NARAYAN SALES & SERVICES	9,21,084.00	9,21,084.00	-	-	-
Coal Handling Plant	SIMPLEX INFRASTRUCTURES LTD	746,50,278.26	53,12,241.09	-	-	693,38,037.17
Coal Handling Plant	SSGR CONVEYOR BELT TECHNOLOGY	1,12,992.00	97,152.00	-	-	15,840.00
Coal Handling Plant	STEEL AUTHORITY OF INDIA LTD	35,89,357.00	-	-	-	35,89,357.00
Coal Handling Plant	SURAT GOODS TRANSPORT PVT LTD	88,270.00	-	-	-	88,270.00
Coal Handling Plant	SWATHI ENGINEERS	1,22,358.00	1,22,358.00	-	10,62,276.38	10,62,276.38
Coal Handling Plant	THE NEW INDIA ASSURANCE CO LTD	13,98,573.00	-	-	1,27,282.00	1,27,282.00
Coal Handling Plant	THE PRECISION PROCESSING EQUIPMENT	32,16,937.00	20,56,965.00	-	-	11,59,972.00
Coal Handling Plant	THYSSENKRUPP INDUSTRIES INDIA	73,15,615.00	73,15,615.00	-	-	83,520.00
Coal Handling Plant	TRAANSRECT INDUSTRIES	1,875.00	-	-	-	1,875.00
Coal Handling Plant	TRF LTD	114,11,959.00	23,05,066.00	-	57,66,950.00	148,73,843.00
Coal Handling Plant	UNIVERSAL CONSTRUCTION MACHINERY	5,66,000.00	3,90,000.00	-	-	1,76,000.00
Coal Handling Plant	VIRUMAS ENGINEERING	3,75,545.94	7,101.85	-	-	14,37,442.54
Coal Handling Plant	ZEALOT SOLUTION	3,17,094.00	3,17,094.00	-	10,68,998.45	72,777.00
Establishment	Aakar Engineers & Contractors	8,06,772.60	3,33,396.60	-	31,04,309.00	35,77,685.00
Establishment	ABC ENGINEERING WORKS	28,800.00	-	-	-	28,800.00
Establishment	ADITYA RAJ CONTRACTORS	1,84,766.00	-	-	-	1,84,766.00
Establishment	AKSHAY CONSTRUCTIONS	44,080.00	-	-	-	44,080.00
Establishment	ASHOK RAMANNA PATIL	46,477.82	46,477.82	-	-	-
Establishment	BROTHER ENGINEERING	7,260.00	-	-	-	7,260.00
Establishment	C D NAIR ERECTORS	24,732.00	-	-	-	24,732.00
Establishment	CSS AUTOMATION PVT LTD	13,054.00	-	-	-	13,054.00
Establishment	D MEHEBOOB RAJESAB DYAMANAVAR	5,234.00	-	-	-	5,234.00
Establishment	DEPUTY COMMANDANT CISF NTPC KUDGI	6,249.00	-	-	-	6,249.00
Establishment	ECO BUILD SOLUTIONS	2,81,039.30	-	-	-	2,81,039.30
Establishment	ENERGY EFFICIENCY SERVICES LTD	39,09,366.41	39,00,148.56	-	-	9,217.85
Establishment	EXECUTIVE ENGINEER,	749,65,685.02	11,59,399.00	-	-	738,06,286.02
Establishment	GE Intelligent Platforms Pvt Ltd	1,66,239.00	-	-	-	-
Establishment	GLOBAL ID SOLUTION & MULTI SERVICES	0.01	-	-	-	0.01
Establishment	GUDDI PLASTCON PVT LTD	4,213.00	-	-	-	4,213.00
Establishment	GURALINGAPPA BASAVARAJ KALADAGI	32,750.00	-	-	-	32,750.00
Establishment	J M B INDIA CONSTRUCTION	18,072.00	-	-	-	18,072.00

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Establishment	JAYASHREE ELECTRODEVICES PVT LTD	44,793.00	44,793.00	-	-	-
Establishment	K V R CONSTRUCTORS	5,92,258.00	5,92,258.00	-	-	-
Establishment	KALLAPPA YALAGURUDAPPA BEVOOR	37,281.00	12,075.90	-	-	25,205.10
Establishment	KALYANI ELECTRICALS	30,000.00	30,000.00	-	-	-
Establishment	KUDAGI BHU SANTRASTHARA SOCIETY	41,682.00	41,682.00	-	-	-
Establishment	LALASAB ABDULSAB HUNASHYAL	83,620.00	-	-	-	83,620.00
Establishment	LEADER VALVES LIMITED	1,28,101.00	1,22,673.00	-	-	5,428.00
Establishment	LIVFUTURE AUTOMATION & SECURITY	25,960.00	-	-	-	25,960.00
Establishment	MADANAPALLE CONSTRUCTION CO PVT LTD	1,16,495.00	-	-	-	1,16,495.00
Establishment	MAHASHAKTHI ELECTRICALS	4,868.00	-	-	-	4,868.00
Establishment	MANTRACK ENTERPRISES	26,904.00	-	-	-	26,904.00
Establishment	METROHM INDIA LTD	1,46,258.00	34,000.00	-	-	1,12,258.00
Establishment	MOHSINALI'S FRAMES	38,400.00	-	-	-	38,400.00
Establishment	MULTI PRESSINGS	2,425.00	-	-	-	2,425.00
Establishment	NATH TRADERS	16,875.00	-	-	-	16,875.00
Establishment	NAVEEN UDYOG(HYD)	17,595.00	-	-	-	17,595.00
Establishment	NELTRONICS EQUIPMENT CORPORATION	2,84,085.00	2,84,085.00	-	-	-
Establishment	Other Provisions	30409,75,284.69	30409,75,284.69	-	-	-
Establishment	RATNA ENGINEERING & CONSTRUCTION	1,50,000.00	-	-	-	1,50,000.00
Establishment	S S ALUR CONSTRUCTION COMPANY	7,44,727.00	-	-	-	7,44,727.00
Establishment	SANDHYA CABLES	8,347.05	-	-	-	8,347.05
Establishment	SATGURU'S ARTS AND CRAFTS PVT LTD	39,900.00	-	-	-	39,900.00
Establishment	SHREENIVAS V BETAGERI	10,024.65	-	-	-	10,024.65
Establishment	SHRISHAIL SIDRAMAPPA NAGOD	28,82,990.24	-	-	-	28,82,990.24
Establishment	SRI RAM ENGINEERING SERVICES	18,630.00	18,630.00	-	-	-
Establishment	STANDARD METAL INDUSTRIES	30,719.00	-	-	-	30,719.00
Establishment	SUNANDA FARM	2,33,780.00	-	-	-	2,33,780.00
Establishment	SWELORE ENGINEERING PVT LTD	19,845.00	-	-	-	19,845.00
Establishment	THE SINGARENI COLLIERIES CO LTD	22,30,499.01	22,30,495.00	-	-	4.01
Establishment	Transrail Lighting Ltd	4,51,742.00	1,14,879.00	-	-	3,36,863.00
Establishment	TWINSTOR	65,307.00	-	-	-	65,307.00
Establishment	UT PUMPS & SYSTEMS PVT LTD	33,810.00	-	-	-	33,810.00
Establishment	VAISHNAVI ERECTORS PVT LTD	14,750.00	-	-	-	14,750.00
CW system (Civil)	LARSEN & TOUBRO LTD	161,83,623.30	-	-	-	161,83,623.30
CW system (ME)	XYLEM WATER SOLUTIONS INDIA	498,87,765.48	15,88,013.66	-	-	482,99,751.82
Capital Spares	AAKAR INFRA ENGINEERS PVT LTD	50,552.00	-	-	-	50,552.00
Capital Spares	FLOWMORE LTD	0.01	0.01	-	-	-
Transformer Package	SIEMENS LTD	975,54,354.00	-	-	-	975,54,354.00
Cables, Cable facilities & grounding	PETRON ENGINEERING CONSTRUCTION	1048,91,870.23	232,54,502.94	-	56,40,320.00	872,77,687.29
Steam Generator Island (Incl. ESP)	Larsen & Toubro Limited	3409,76,512.07	-	53,50,625.72	-	3356,25,886.35
Erection Testingand commissioning	Aakar Engineers & Contractors	8,16,912.00	1,01,944.00	-	-	7,14,968.00
Erection Testingand commissioning	DEMSEC ENGINEERS	33,780.00	28,785.00	-	-	4,995.00
Erection Testingand commissioning	DEOGIRI SANITORY STORES	18,017.40	-	-	-	18,017.40
Erection Testingand commissioning	ELECTRO CARE ENGINEERS	1,30,163.88	-	-	-	1,30,163.88
Erection Testingand commissioning	MSP L GASES LTD	73,042.57	-	-	-	73,042.57
Erection Testingand commissioning	N S Construction Company	1,68,585.00	71,786.00	-	-	96,799.00
Erection Testingand commissioning	R A ENTERPRISE	44,580.00	-	-	-	44,580.00
Erection Testingand commissioning	SAI TECH ENGINEERS	13,360.00	-	-	-	13,360.00
Erection Testingand commissioning	SHIRIRAM TRANSPORT	20,000.00	-	-	-	20,000.00
Erection Testingand commissioning	SIMPLEX INFRASTRUCTURES LTD	3,78,402.00	-	-	-	3,78,402.00
Erection Testingand commissioning	THE SINGARENI COLLIERIES CO LTD	290,12,914.00	-	-	-	290,12,914.00
Fire fighting System	Sureland Industrial Fire Safety Ltd	548,79,197.41	16,13,672.57	-	50,00,000.00	582,65,524.84
Freehold Land	ANNAPOORNA VIRABHADRAYYA CHILAKANTH	91,163.00	-	-	-	91,163.00
Freehold Land	AVNI ENERGY SOLUTIONS PVT LTD	2,685.00	2,685.00	-	-	-
Freehold Land	ENERGY NEEDS	30,400.00	30,400.00	-	-	-
Tools & Plant	MALANBI BASHASAB GADED	1,07,523.00	-	-	-	1,07,523.00
Freehold Land	NEETY EURO ASIA SOLAR ENERGY	1,82,544.00	1,82,544.00	-	-	-
Freehold Land	Prov R & R/Env Aspects	2001,41,578.86	242,07,606.17	-	-	1759,33,972.69
Freehold Land	S S JIGAJINNI & CO.	5,808.00	5,049.00	-	-	759.00
Freehold Land	UNITED SOCIAL WELFARE ASSOCIATION	1,22,257.00	-	-	-	1,22,257.00
Transformer Package	BHARAT HEAVY ELECTRICALS LTD	119,35,830.09	5,27,752.00	-	-	114,08,078.09
Transformer Package	Schweitzer Engineering	3,61,788.00	3,61,788.00	-	-	-
Cooling Towers	LARSEN & TOUBRO LTD	3082,14,793.57	962,00,488.59	-	57,49,946.90	2177,64,251.88
Leasehold Land	EXECUTIVE ENGINEER,KBJNL	244,05,527.00	-	-	-	244,05,527.00
Leasehold Land	Vendor Adj -Liability for Leasehold Land	-142,38,993.46	-4,48,976.50	-	-	-137,90,016.96
Land (Right of Use)	BASAVARAJ SHANKARGOUDA PYATIGOUDAR	7,51,100.00	-	-	-	7,51,100.00
Land (Right of Use)	GUDUSAB LADASAB BIJAPUR	3,19,000.00	-	-	-	3,19,000.00
Land (Right of Use)	KANTAPPA KARIYAPPA BASARKOD	5,14,750.00	-	-	-	5,14,750.00
Land (Right of Use)	NOORUNDAPPA DANAPPA TELAGADI	11,60,000.00	-	-	-	11,60,000.00
Land (Right of Use)	PRABHU YEGANAGOUDA BASARADDI	4,61,825.00	-	-	-	4,61,825.00
Land (Right of Use)	PRAKASH CHANNAPPA ULLAGADDI	2,33,450.00	-	-	-	2,33,450.00
Tools & Plant	DIESEL LOCOMOTIVE WORKS	56,196.00	56,196.00	-	-	-
Rolling Stock and Locomotives	DIESEL LOCOMOTIVE WORKS	3,37,100.11	3,37,100.11	-	-	-
Switch gear Package (Inc. HT & LT)	GE INDIA INDUSTRIAL PVT LTD	322,74,346.77	24,47,336.52	-	-	298,27,010.25
Steam Generator Island (Incl. ESP)	AMAR FORMULATORS & ELECTRONICS PVT	50,581.00	25,291.00	-	-	25,290.00
Main plant/Adm. Building	K V R CONSTRUCTORS	20,18,398.00	-	-	-	20,18,398.00
Steam Generator Island (Incl. ESP)	SANDHYA CABLES	487.50	487.50	-	487.00	487.00
Steam Generator Island (Incl. ESP)	SHREE RENUKA ELECTRICAL ENTERPRISES	30,297.00	-	-	-	30,297.00
Main plant/Adm. Building	SIMPLEX INFRASTRUCTURES LTD	7,30,276.00	7,30,276.00	-	-	-
Main plant/Adm. Building	SUSHMA ENTERPRISES	88,065.00	-	-	-	88,065.00
Main plant/Adm. Building	YASHILIGER CONSTRUCTIONS	4,25,390.00	4,25,390.00	-	-	-
CW system (ME)	GRAPHITE INDIA LTD	203,44,960.69	86,74,333.14	-	4,857.62	116,75,485.17
Switch gear Package (Inc. HT & LT)	BHARAT HEAVY ELECTRICALS LTD	432,09,865.00	-	-	-	432,09,865.00
Switch gear Package (Inc. HT & LT)	TEKNIC ELECTRIC INDIA PVT LTD	383.00	-	-	-	383.00
MGR	KONKAN RAILWAY CORPORATION LTD	18,44,076.00	18,44,076.00	-	-	-
Main plant/Adm. Building	AKSHAY CONSTRUCTIONS	262,24,296.97	214,40,232.01	-	488,80,769.00	536,64,833.96
Main plant/Adm. Building	AMIT ENGG WORKS PVT LTD	1,27,474.00	68,900.00	-	-	58,574.00
Main plant/Adm. Building	CHINMAY ENGINEERING SERVICES	1,24,685.00	84,685.00	-	-	40,000.00
Main plant/Adm. Building	GOOD EARTH MINERALS PVT LTD	14,74,337.05	14,74,337.05	-	5,50,803.00	5,50,803.00
Main plant/Adm. Building	IVRCL LTD	3451,30,574.15	3370,21,767.77	91,362.23	286,36,500.00	366,53,944.15
Main plant/Adm. Building	J.V. CIVIL CONTRACTORS	4,22,772.50	-	-	-	4,22,772.50
Main plant/Adm. Building	K V R CONSTRUCTORS	16,65,028.00	-	-	6,04,936.00	22,69,964.00
Main plant/Adm. Building	M R CONSTRUCTION	12,72,024.00	9,77,060.00	-	-	2,94,964.00
Main plant/Adm. Building	M.L.LABADE ENGINEER & CONTRACTOR	10,86,965.00	7,58,421.00	-	-	3,28,544.00
Main plant/Adm. Building	MEGA CONSTRUCTION	0.10	0.10	-	-	-
Main plant/Adm. Building	MOULALI RAJESA KAMATAGI	75,650.00	-	-	-	75,650.00
Main plant/Adm. Building	NINGAPPA SINDHURAPPA MADAR	36,182.00	-	-	-	36,182.00
Main plant/Adm. Building	Prasad & Company (Projects Works)	6,30,179.00	5,12,299.00	-	-	1,17,880.00
Main plant/Adm. Building	PRIYA CONSTRUCTIONS	1,37,139.00	-	-	-	1,37,139.00
Main plant/Adm. Building	RAGHAVENDRA M MULIMANI	37,49,914.00	18,47,304.00	-	115,30,800.00	134,33,410.00
Main plant/Adm. Building	S M NAIK DEVELOPERS	6,45,552.00	-	-	-	6,45,552.00
Main plant/Adm. Building	SHARANAPPA SHIVALINGAPPA SHARANAR	54,883.00	-	-	-	54,883.00
Main plant/Adm. Building	SUNIL HI TECH ENGINEERS LTD	20,55,802.00	-	-	-	20,55,802.00
Main plant/Adm. Building	T AND M CONSTRUCTIONS	2,89,261.28	-	-	-	2,89,261.28
Main plant/Adm. Building	Unity InfraProjects Ltd	41,26,344.86	8,28,720.86	-	-	32,97,624.00
PreliminaryInvestigation & Site Development	SRI AVANTIKA CONTRACTORS (I) LTD	407,26,309.00	-	-	-	407,26,309.00
Control & Instrumentation(C & I) Package	YOKOGAWA INDIA LTD	582,15,029.56	109,71,116.98	-	186,52,500.00	658,96,412.58

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HP/LP Piping	Bridge & Roof Co. (India) Ltd.	209,16,460.28	91,49,920.15	-	-	117,66,540.13
Steam Generator Island (Incl. ESP)	DOOSAN PUMP SYSTEMS INDIA PVT LTD	35683,68,130.44	9422,14,378.22	155,18,033.60	1378,97,603.00	27485,33,321.62
Capital Spares	TUSHACO PUMP PVT LTD	1,950.00	-	-	-	1,950.00
Tools & Plant	INTERVALVE POONAWALLA LTD	4,859.00	4,859.00	-	-	-
Turbine Generator Island	Toshiba JSW Power Systems Pvt Ltd	20047,19,832.70	1026,41,166.97	1335,72,382.36	514,27,132.02	18199,33,415.39
Capital Spares	Shanthala Power Ltd	11,750.00	-	-	-	11,750.00
Switch Yard Package	TECHNO ELECTRIC&ENGINEERING CO LTD	1137,13,707.28	117,65,759.52	-	-	1019,47,947.76
Temp. construction & enabling works	ACME Cleantech Solutions Limited	116,21,823.83	17,16,336.83	3,78,116.00	-	95,27,371.00
Temp. construction & enabling works	ANJALI ELECTRICAL & PLUMBER	1,55,133.00	1,24,910.00	-	-	30,223.00
Temp. construction & enabling works	Armstrong Wires & Engineers	4,81,350.00	-	-	-	4,81,350.00
Temp. construction & enabling works	ASST EXECUTIVE ENGINEER (ELECT)	27,09,081.91	27,09,081.91	-	-	-
Temp. construction & enabling works	DEVARAGUDI ELECTRICALS	1,18,513.28	-	-	-	1,18,513.28
Temp. construction & enabling works	EPP COMPOSITES PVT LTD	1,44,950.00	5,000.00	-	-	1,39,950.00
Temp. construction & enabling works	EVEREST INDUSTRIES LTD	16,99,044.00	-	-	-	16,99,044.00
Temp. construction & enabling works	JAMES WALKERR INMARCO INDUSTRIES	1,375.00	-	-	-	-
Temp. construction & enabling works	K R G & SONS	98,297.07	98,297.07	-	-	-
Temp. construction & enabling works	KEC INTERNATIONAL LTD	61,073.60	-	-	-	61,073.60
Temp. construction & enabling works	KINETIC ELECTRICALS	4,908.00	-	-	-	4,908.00
Temp. construction & enabling works	MADANAPALLE CONSTRUCTION CO PVT LTD	27,34,268.72	2,61,262.00	-	-	24,73,006.72
Temp. construction & enabling works	MADHU CONSTRUCTION	3,11,996.00	24,103.00	-	13,77,021.39	16,64,914.39
Temp. construction & enabling works	MENDEGAR ELECTRICALS	9,814.00	-	-	-	-
Temp. construction & enabling works	RATNA ENGINEERING & CONSTRUCTION	1,39,516.00	-	-	-	1,39,516.00
Steam Generator Island (Incl. ESP)	SHRI KRUPA CONSTRUCTION	78,721.00	-	-	-	78,721.00
Temp. construction & enabling works	SHRI KRUPA CONSTRUCTION	7,95,650.00	-	-	-	7,95,650.00
Main plant/Adm. Building	SIMPLEX INFRASTRUCTURES LTD	830,23,441.00	84,95,275.61	-	12,44,776.00	757,72,941.39
Tools & Plant	ALIKRAFT ENGINEERS PVT LTD	1,57,500.00	-	-	-	1,57,500.00
Tools & Plant	ANALYTICA EQUIPMENTS (I) PVT LTD	68,095.00	68,095.00	-	-	-
Tools & Plant	AQUA DESIGNS INDIA PVT LTD	6,08,720.00	-	-	-	6,08,720.00
Tools & Plant	ARPITA TELECOM & COMPUTER SERVICES	16,600.00	16,600.00	-	-	-
Tools & Plant	ARUNA GREEN VENTURES PVT LTD	2,34,100.00	2,34,100.00	-	50,000.00	50,000.00
Tools & Plant	AVNI ENERGY SOLUTIONS PVT LTD	11,750.00	11,750.00	-	-	-
Tools & Plant	BALVIKA STEEL CRAFTS	2,014.00	-	-	-	2,014.00
Tools & Plant	BNA TECHNOLOGY CONSULTING LTD	68,000.00	-	-	-	68,000.00
Tools & Plant	CYRONICS INSTRUMENTS PVT LTD	4,440.00	4,440.00	-	-	-
Tools & Plant	DEEV GEN SET SALES AND SERVICES	14,59,049.00	-	-	-	14,59,049.00
Tools & Plant	DELTA TEST AND MEASUREMENTS	35,09,475.00	34,78,200.00	-	5,01,500.00	5,32,775.00
Tools & Plant	DEVI FIRE SERVICES	1,53,835.00	-	-	-	1,53,835.00
Tools & Plant	DHR HOLDING INDIA PVT LTD	74,353.00	22,000.00	-	-	52,353.00
Tools & Plant	EMBEE SOFTWARE PVT LTD	6,649.00	-	-	-	6,649.00
Tools & Plant	EQUIPMENTS & SPARES ENGINEERING	3,817.00	-	-	-	3,817.00
Tools & Plant	GEMINI POWER HYDRAULICS PVT LTD	7,83,250.00	7,83,250.00	-	-	-
Tools & Plant	GODREJ & BOYCE MFG. CO.LTD	3,374.00	-	-	-	3,374.00
Tools & Plant	Godrej & Boyce Mfg.Co. Ltd.	4,196.00	-	-	-	4,196.00
Tools & Plant	HAAVIT RETAIL	8,400.00	-	-	-	8,400.00
Tools & Plant	HAFI ELEKTRA PVT LTD	1,480.00	-	-	-	1,480.00
Tools & Plant	HARISON PUMPS PVT LTD	64,650.00	43,100.00	-	-	21,550.00
Tools & Plant	Hima Marketing Pvt Ltd	25,500.00	-	-	-	25,500.00
Tools & Plant	HIRAL TEKTRONIX PVT LTD.	13,64,670.00	13,64,670.00	-	5,08,049.00	5,08,049.00
Tools & Plant	HITACHI SYSTEMS MICRO CLINIC	62,500.00	-	-	-	62,500.00
Tools & Plant	HMT MACHINE TOOLS LIMITED	28,81,779.00	28,81,779.00	-	10,620.00	10,620.00
Tools & Plant	HMT MACHINE TOOLS LTD	52,84,000.00	52,84,000.00	-	-	-
Tools & Plant	INTELLICON PVT LTD	4,24,800.00	4,24,800.00	-	-	-
MBOA	KIMO Electronic Pvt. Ltd	3,094.00	-	-	-	3,094.00
Tools & Plant	KULKARNI PUMPS PRIVATE LTD	64,200.00	64,200.00	-	-	-
Tools & Plant	M/S JOSTS ENGINEERING COMPANY LTD	33,500.00	-	-	-	33,500.00
Tools & Plant	MAILARALINGESHWARA TECHNO SYSTEM	50,500.00	31,000.01	2,499.99	-	17,000.00
Tools & Plant	MASS-TECH CONTROLS PVT LTD	1,03,840.00	1,03,840.00	-	-	-
Tools & Plant	MAVIN ADHESIVES PVT LTD	1,55,730.00	1,07,400.00	-	-	48,330.00
Tools & Plant	METROHM INDIA LTD	5,01,736.00	-	-	-	5,01,736.00
Tools & Plant	MICROCARE COMPUTERS PVT. LTD.	2,620.00	-	-	-	2,620.00
Tools & Plant	MICROMAP ELECTRONIC SYSTEMS PVT LTD	1,44,000.00	-	5,799.97	-	1,38,200.03
Tools & Plant	NATIONAL ENGINEERING & MARKETING	8,000.00	-	-	-	8,000.00
Tools & Plant	NIKHIL CERAMICS PVT. LTD	2,800.00	-	-	-	2,800.00
Tools & Plant	OMEGA CONSTRUCTION EQUIPMENT	27,050.00	-	-	-	27,050.00
Tools & Plant	OMICRON ENERGY SOLUTIONS PVT LTD	15,000.00	-	-	-	15,000.00
Tools & Plant	ONKAR AGENCIES	1,63,300.00	1,63,300.00	-	-	-
Tools & Plant	ORBIT TECHNOLOGIES PVT LTD	32,750.00	-	-	-	32,750.00
Tools & Plant	PAN COMMUNICATIONS PVT LTD	2,64,533.00	2,36,443.00	-	-	28,090.00
Tools & Plant	PATIL ENGINEERING COMPANY	10,200.00	-	-	-	10,200.00
Tools & Plant	PHOOLTA TRANSRAIL LTD	7,43,738.00	-	-	-	7,43,738.00
Tools & Plant	POLIXEL SECURITY SYSTEM	64,182.00	-	-	-	64,182.00
Tools & Plant	POORNIMA ENTERPRISES	3,121.15	3,041.00	-	24,780.00	24,860.15
Tools & Plant	Pragility Technologies Pvt Ltd	6,415.00	-	-	-	6,415.00
Tools & Plant	RANJEET TRADING CORPORATION	1,94,196.00	1,40,193.00	-	-	54,003.00
Tools & Plant	RICOH INDIA LTD	72,500.00	-	-	-	72,500.00
Tools & Plant	ROHIT FIRE & SAFTY EQUIPMENT	1,950.00	-	-	-	1,950.00
Tools & Plant	ROLTA INDIA LTD	2,13,524.00	2,13,524.00	-	-	-
Tools & Plant	ROYALOK INCORPORATION PVT LTD	40,000.00	-	-	-	40,000.00
Tools & Plant	S R ENTERPRISES	5,400.00	-	-	-	5,400.00
Tools & Plant	S S JIGAJINNI & CO.	2,00,307.90	58,652.26	-	-	1,41,655.64
Tools & Plant	S V NETWORK TECHNOLOGIES INDIA PVT	17,936.00	-	-	-	17,936.00
Tools & Plant	S.V.Network Technologies India	702.00	-	-	-	702.00
Tools & Plant	SARTECH INTL	6,20,000.00	6,20,000.00	-	70,800.00	70,800.00
Tools & Plant	SCRUM SYSTEM PVT LTD	30,000.00	30,000.00	-	-	-
Tools & Plant	SHAH CYCLES	20,499.85	-	-	-	20,499.85
Tools & Plant	SHREE ENTERPRISES	43,904.00	43,904.00	-	-	-
Tools & Plant	SHRI RAM INDUSTRIES	50,200.00	50,200.00	-	-	-
Tools & Plant	SRETEL COMMUNICATIONS	7,953.00	-	-	-	7,953.00
Tools & Plant	STAR COOL REFRIGERATION	3,89,990.87	3,89,458.87	532.00	23,000.00	23,000.00
Tools & Plant	SUNNET SOLUTIONS PVT. LTD.	-31,196.28	-31,196.28	-	-	-
Tools & Plant	SWASTIK INDUSTRIES	10,175.00	-	-	-	10,175.00
Tools & Plant	Tandon Electronics	1,150.00	-	-	-	1,150.00
Tools & Plant	TECHMARK ENGINEERS & CONSULTANTS	34,500.00	-	-	-	34,500.00
Tools & Plant	TEKMEASURE TECHNOLOGIES PVT LTD	1,05,400.00	52,700.00	-	-	52,700.00
Tools & Plant	Thermax Limited (Power Division)	52,03,320.00	-	-	-	52,03,320.00
Tools & Plant	USHA INSTRUMENTS&CHEMICALS	81,600.00	81,600.00	-	-	-
Tools & Plant	VAIBHAV COMPUTERS	46,470.00	-	-	-	46,470.00
Tools & Plant	VENUS INFOTECH	10,320.00	10,320.00	-	-	-
Tools & Plant	VERDER SCIENTIFIC PRIVATE LTD	1,93,849.82	1,82,849.82	-	-	11,000.00
Tools & Plant	BASAVESHWAR TRADING COMPANY	12,499.99	-	12,499.99	-	-
Tools & Plant	SUTRON HYDROMET SYSTEMS PVT LTD	36,000.00	-	-	36,000.00	-
Tools & Plant	POPCORN FURNITURE AND LIFE STYLE	650.19	-	-	650.19	-
Tools & Plant	WELD EXCEL INDIA LTD	5,498.00	5,498.00	-	-	-
Tools & Plant	WIDSONS SCIENTIFIC WORKS	4,550.00	-	-	-	4,550.00
Tools & Plant	WOODS INCORPORATION	10,236.18	-	-	-	10,236.18
Tools & Plant	YAKSHINI MICRO SYATEMS	31,196.28	31,196.28	-	-	-
Tools & Plant	ZAKO BUILD SYSTEMS PVT LTD	82,999.98	-	-	-	82,999.98

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Township & Colony	ADITYA RAJ CONTRACTORS	2,86,850.00	-	-	-	2,86,850.00
Township & Colony	B G NAGUR	12,32,273.00	-	-	35,62,545.90	47,94,818.90
Township & Colony	G K ELECTRICALS	61,360.00	61,360.00	-	-	-
Township & Colony	M G CHIKKAMATH	2,87,184.00	2,87,184.00	-	-	-
Township & Colony	SRI RAM ENGINEERING SERVICES	22,320.00	-	-	-	22,320.00
Township & Colony	Unity Infraprojects Ltd	1273,96,371.00	247,52,675.90	-	1186,77,437.00	2213,21,132.10
DM water Plant	C D NAIR ERECTORS	-	-	-	-	-
Capital Spares	MAHALAXMI ENGINEERING	25,130.00	-	-	-	25,130.00
DM water Plant	ROTO PUMPS LTD	35,810.00	-	-	-	35,810.00
DM water Plant	TRIVENI ENGINEERING & INDUSTRIES	19,250.00	-	-	-	19,250.00
Capital Spares	WPIL LTD	699,74,110.60	102,68,596.28	-	-	597,05,514.32
MBOA	GODREJ & BOYCE MFG. CO.LTD	16,17,776.00	7,35,400.00	-	-	8,82,376.00
PreliminaryInvestigation &Site Development	Arbitration Provision	-	-	-	22,82,226.00	22,82,226.00
Coal Handling Plant	CHINMAY ENGINEERING SERVICES	-	-	-	2136,93,563.00	2136,93,563.00
Capital Spares	ELECON ENGINEERING CO LTD	-	-	-	43,108.50	43,108.50
Capital Spares	TOSHMIWAL INDUSTRIES PVT LTD	-	-	-	5,921.00	5,921.00
Capital Spares	BHARAT BULEE LTD	-	-	-	37,99,600.00	37,99,600.00
Capital Spares	John Crane SEALING Systems Ltd	-	-	-	15,93,000.00	15,93,000.00
Capital Spares	ELGI EQUIPMENTS LTD	-	-	-	46,68,381.23	46,68,381.23
Capital Spares	FLOWMORE LTD	-	-	-	21,05,222.08	21,05,222.08
Capital Spares	SAPS POWER EQUIPMENTS PVT LTD	-	-	-	64,227.50	64,227.50
Coal Handling Plant	BOSCH REXROTH(INDIA) PRIVATE	-	-	-	66,49,766.00	66,49,766.00
Coal Handling Plant	QUALITY ENGINEERS	-	-	-	3,30,962.50	3,30,962.50
Coal Handling Plant	SUBHAS ENGINEERING WORKS	-	-	-	23,400.00	23,400.00
Coal Handling Plant	UTILITY POWERTECH LTD	-	-	-	6.00	6.00
Coal Handling Plant	HDC POWER SYSTEMS PVT LTD	-	-	-	10,81,830.59	10,81,830.59
Coal Handling Plant	SHRI GURULINGAPPA RUDRAKSHI AND	-	-	-	33,30,000.00	33,30,000.00
Coal Handling Plant	MCNEIL INSTRUMENTS INC	-	-	-	15,611.00	15,611.00
Coal Handling Plant	NOORIYA ENGINEERS	-	-	-	35,754.00	35,754.00
Coal Handling Plant	BABLU CONTRACTOR	-	-	-	1,07,908.00	1,07,908.00
Coal Handling Plant	UTILITY POWERTECH LIMITED	-	-	-	1,14,489.00	1,14,489.00
Coal Handling Plant	VRL LOGISTICS LIMITED	-	-	-	1,57,645.74	1,57,645.74
Coal Handling Plant	B E C CONDUITS PRIVATE LIMITED	-	-	-	6,640.00	6,640.00
MBOA	EAST WEST ENGINEERING &	-	-	-	4,43,000.00	4,43,000.00
MBOA	ROTORC CONTROLS (INDIA) PVT. LTD.	-	-	-	2,84,679.00	2,84,679.00
MBOA	SUMER & CO	-	-	-	69,60,553.61	69,60,553.61
MBOA	EUREKA FORBES LTD	-	-	-	1,890.00	1,890.00
MBOA	HAFI ELEKTRA PVT LTD	-	-	-	74,340.00	74,340.00
MBOA	ROOTS MULTICLEAN LTD	-	-	-	30,880.00	30,880.00
MBOA	SREETEL COMMUNICATIONS	-	-	-	18,14,824.00	18,14,824.00
MBOA	ORBIT INDUSTRIES	-	-	-	4,27,482.00	4,27,482.00
MBOA	SPECTRUM INFO SOLUTIONS PVT LTD	-	-	-	41,000.00	41,000.00
MBOA	QUALITY MACHINE TOOLS CORPN.	-	-	-	2,557.00	2,557.00
MBOA	INVENTA CLEANTEC PVT LTD	-	-	-	21,476.00	21,476.00
MBOA	WHEEL IN DEAL	-	-	-	10,200.00	10,200.00
MBOA	Mona Generator Services	-	-	-	2,85,914.00	2,85,914.00
Hybrid (Solar PV + Wind) system Kudgi STPP	Siemens Gamesa Renewable Power	-	-	-	22,14,860.00	22,14,860.00
MBOA	AKSHAYPATRA EQUIPMENTS PVT LTD	-	-	-	324,25,692.00	324,25,692.00
MBOA	HAAVIT RETAIL	-	-	-	12,46,920.00	12,46,920.00
MBOA	PRATHAM AGENCIES	-	-	-	8,970.00	8,970.00
MBOA	GKT ENTERPRISE	-	-	-	12,499.00	12,499.00
MBOA	PRAP DISTRIBUTORS	-	-	-	31,454.00	31,454.00
Coal Handling Plant	M G CHIKKAMATH	-	-	-	75,979.80	75,979.80
Land (Right of Use)		-	-	-	4,87,506.10	4,87,506.10
Capital Spares	SIEMENS LTD	-	-	-	25,331.00	25,331.00
					119,41,600.00	119,41,600.00

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Summary of issue involved in the petition

Name of the Company :		NTPC Limited
Name of the Power Station :		Kudgi STPS Stage-I (3X800 MW)
1	Petitioner:	NTPC Limited
2	Subject	Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-V of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 and Chapter-3, Regulation-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for approval of tariff of Kudgi Super Thermal Power Station Stage- I (3X800 MW) for the period from 01.04.2019 to 31.03.2024.
3	Prayer:	In the light of the above submissions, the Petitioner, prays that the Hon'ble Commission may be pleased to: i) Approve tariff of Kudgi Super Thermal Power Station Stage- I (3X800 MW) for the tariff period 01.04.2019 to 31.03.2024. ii) Allow the recovery of filing fees as & when paid to the Hon'ble Commission and publication expenses from the beneficiaries. iii) Allow reimbursement of Ash Transportation Charges directly from the beneficiaries quarterly on net basis. iv) Pass any other order as it may deem fit in the circumstances mentioned above.
4	Respondents:	As per Petition
	Name of Respondents	
	a.	
	b.	
	c.	
5	Project Scope	
	Cost	
	Commissioning	
	Claim	
	AFC	
	Capital cost	
	Initial spare	
	NAPAF (Gen)	85%
	Any Specific	

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Annexure - A

GOVERNMENT OF KARNATAKA

DEPARTMENT OF FACTORIES, BOILERS, INDUSTRIAL SAFETY & HEALTH

CSMC/TFC/CR-13/2013-14

Phone No : 080-26531200

Fax No : 080-26531202

Directorate of Factories, Boilers, Industrial Safety & Health, "Karmika Bhavana" 2nd floor, Near Bengaluru Dairy, I.T.I compound, Bannerghatta road

Bengaluru-29 Dated 23.09.2013

To,
General Manager,
M/s NTPC Limited,
Kudgi Super Thermal Power Project,
Plot No. 9, Mallikarjun Nagar,
Managuli Road, Bijapur-586 109

Sir,

Subject: Site Clearance for setting up of super thermal power project.

Reference: 1. Your letter dated 03.05.2013
2. Proceedings of Task force committee meeting held on 12.09.2013
3. Your reply mail dated 19.09.2013.

* * *

We are pleased to inform you that the Task Force Committee in its meeting held on 12.09.2013 has reviewed the presentation, documents, details of the safety systems adopted, etc and has concurred in principle to issue the Site Clearance for the initial location for the establishment of super thermal power project for generating electrical power of 3 X 800 MW at Near Kudugi village, Basavana bagewadi Taluk, Bijapur District.

The site clearance is issued subject to the following conditions;

1. The replacing of highly hazardous chlorine with available less hazardous alternative chemicals like chlorine dioxide, sodium hypo chlorite shall be considered.
2. The mobile hydrogen cylinder bank with manifold system shall be adopted in place of loose Hydrogen Cylinders
3. The safety check shall be prepared in storing, handling and usage of Hydrazine and its holding capacity shall be limited to a minimum required quantity
4. The exclusive safety, health and environment (SHE) department shall be formed under the direct control & supervision of the occupier. This department shall be supported by the senior level qualified and competent executives with adequate field staff.
5. The effective online monitoring system shall be adopted to ensure the safe and healthy work environment with special trust to fugitive emission, it radiation, noise level etc.
6. No building of structure shall be constructed with obtaining a prior approval of plans by Director, Department of Factories, Boilers, Industrial Safety and Health.
7. The pre and periodical medical examination shall be carried out to all the category of employees including contract and casual. The medical surveillance shall be carried out by creating a base line health data and shall have the provision for up-dating, the same and continuous basis.

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19/10/2013


8. The mitigation measures as submitted in the presentation and as suggested by committee shall be incorporated in the on-site emergency plan. The same shall be submitted for scrutiny and approval.
9. The provisions of rule 30 to 251 of Building and Other Construction Workers (Regulation of Employment and condition of service) (Karnataka) Rules, 2006 shall be complied to ensure occupational safety and health of the construction workers involved project. The compliance shall be furnished regularly to jurisdiction officers of our department and to the Director of Factories, Boilers, Industrial Safety and Health.

Suggestions:

1. The industry shall adopt the rain - harvesting system to harvest atleast 80% of the rain water.
2. The industry shall adopt solar energy system at least catering to street lighting and in other suitable areas like water heating in the canteen, etc.

All the above conditions and suggestions shall be complied and a report shall be submitted to the department. The department reserves all the rights to modify or withdraw clearance issued at any point of time.

Your's Faithfully,


Chairman
Task Force Committee
and Director of Factories, Boilers,
Industrial Safety and Health, Bangalore.

